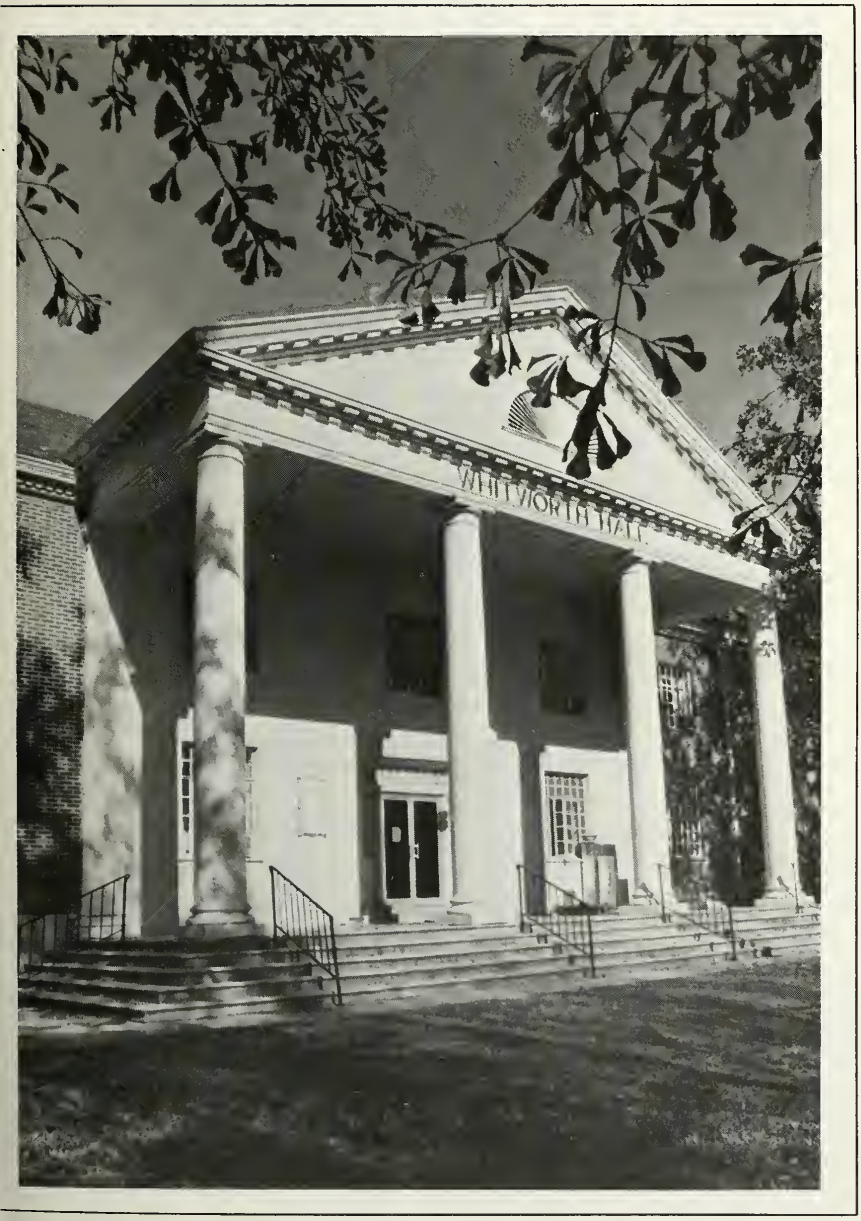
# 1981-82
# CATALOG
# &
# ANNOUNCEMENTS



# CALENDAR FOR 1981-82

## First Semester 1981–82

| | |
|---|---|
| August 22 | Fall Conference for faculty |
| August 23 | Residence halls open, 10 a.m. |
| August 24-26 | Orientation for new students |
| August 26 | Registration for class changes |
| August 27 | Day classes meet on regular schedule |
| August 31 | Evening classes begin |
| September 3 | **Fall Convocation |
| September 10 | Last day for schedule changes without grade |
| October 10 | Mid-semester holidays begin, 8 a.m. |
| October 14 | Mid-semester Holidays end, 8 a.m. |
| October 15 | Tap Day |
| October 16 | Mid-semester grades due |
| October 23 | Last day for dropping courses with grades of WP or WF |
| October 24 | Homecoming |
| November 23-December 10 | Early registration for spring semester 1982 |
| November 25 | Thanksgiving holidays begin, 12 noon |
| November 30 | Thanksgiving Holidays end, 8 a.m. |
| December 8 | Last regular meeting of day classes |
| December 9, 10 | Reading days |
| December 11, 12, 14, 15, 16 | Final examination days |
| December 17 | Residence halls close at 10 a.m. |
| December 21-25 | College offices closed |
| December 28 | Semester grades due in the Office of Records |
| December 30-January 1 | College offices closed |

## Second Semester 1981–82

| | |
|---|---|
| January 10 | Residence halls open 10 a.m. |
| January 11 | Registration for class changes |
| January 12 | Day classes meet on regular schedule |
| January 18 | Evening classes begin |
| January 26 | Last day for schedule changes without grade |
| February 19 | Founders' Day |
| February 26 | Mid-semester grades due |
| March 5 | Last day for dropping course with grades of WP or WF |
| March 6 | Spring holidays begin, 8 a.m. |
| March 15 | Spring holidays end, 8 a.m. |
| March 18 | Tap Day |
| March 27 | Elizabethan Faire |
| April 9 | College offices closed half day |
| April 11 | Easter |
| April 12-28 | Early registration for fall semester 1982 |
| April 13, 14, 15, 16 | Comprehensive examinations |
| April 26 | Last regular meeting of day classes |
| April 27, 28 | Reading days |
| April 28 | Final grades for graduating seniors are due in Office of Records |
| April 29,30, May 1, 3, 4 | Final Examination day |
| May 7 | Semester grades due in the Office of Records |
| May 9 | *Commencement Day |
| May 9 | Residence halls close at 8:00 a.m. |

*Formal academic occasion

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## THE PURPOSE OF MILLSAPS COLLEGE

Millsaps College has as its primary aim the development of men and women for responsible leadership and well-rounded lives of useful service to their fellow men, their country, and their God. It seeks to function as a community of learners where faculty and students together seek the truth that frees the minds of men.

As an institution of the Methodist Church, Millsaps College is dedicated to the idea that religion is a vital part of education; that education is an integral part of the Christian religion; and that church-related colleges, providing a sound academic program in a Christian environment, afford a kind of discipline and influence which no other type of institution can offer. The College provides a congenial atmosphere where persons of all faiths may study and work together for the development of their physical, intellectual, and spiritual capacities.

As a liberal arts college, Millsaps seeks to give the student adequate breadth and depth of understanding of civilization and culture in order to broaden his perspective, to enrich his personality, and to enable him to think and act intelligently amid the complexities of the modern world. The curriculum is designed to avoid premature specialization and to integrate the humanities, the social studies, and the natural sciences for their mutual enrichment.

The College recognizes that training which will enable a person to support himself adequately is an essential part of a well-rounded education. On the other hand, it believes that one of the chief problems of modern society is that in too many cases training as expert technicians has not been accompanied by education for good citizenship. It offers, therefore, professional and pre-professional training balanced by cultural and humane studies. In an environment that emphasizes the cultural and esthetic values to be found in the study of language, literature, philosophy, and science, the student at Millsaps can also obtain the necessary courses to prepare him for service in such fields as teaching, journalism, social work, and business or for professional study in these areas as well as in theology, medicine, dentistry, engineering, law, and other fields.

As an institution of higher learning, Millsaps College fosters an attitude of continuing intellectual awareness, of tolerance, and of unbiased inquiry, without which true education cannot exist. It does not seek to indoctrinate, but to inform and inspire. It does not shape the student in a common mold of thought and ideas, but rather attempts to search out his often deeply hidden aptitudes, capacities, and aspirations and to provide opportunities for his maximum potential development. It seeks to broaden his horizons and to lift his eyes and heart toward the higher and nobler attributes of life. The desired result is an intelligent, voluntary dedication to moral principles and a growing social consciousness that will guide him into a rich, well-rounded Christian life, with ready acceptance of responsibility to neighbor, state, and church.

—adopted by the Faculty and Board of
Trustees of Millsaps College, 1955-56

# 1

# information for prospective students

## HISTORY OF THE COLLEGE

Millsaps College was founded in 1890 by the Methodist Church as a "Christian college for young men." The philanthropy of Major Reuben Webster Millsaps and other Methodist leaders in Mississippi enabled the College to open two years later on the outskirts of Jackson, the state capital, a town of some 9,000 population. The beginnings were modest: two buildings, 149 students (two-thirds of whom were enrolled in a preparatory school), five instructors, and an endowment of $70,432. Fifty years later, the student body numbered 599 and the faculty had increased to 33. Women were admitted at an early date and the graduation of Sing Ung Zung of Soochow, China, in 1908, began a tradition of the College's influence beyond the borders of the state.

Millsaps' first president, William Belton Murrah, served until 1910. Other presidents have been: David Carlisle Hull (1910-1912), Dr. Alexander Farrar Watkins (1912-1923), Dr. David Martin Key (1923-1938), Dr. Marion Lofton Smith (1938-1952), Dr. Homer Ellis Finger, Jr., (1952-64), Dr. Benjamin Barnes Graves (1965-1970), and Dr. Edward McDaniel Collins, Jr. (1970-1978). Dr. George Marion Harmon was named president in the fall of 1978.

## GENERAL INFORMATION

The close personal relationship among students, faculty and the administration is one of the most vital parts of the Millsaps experience. A liberal arts college designed to train students for responsible citizenship and well-balanced lives, Millsaps offers professional and pre-professional training coupled with cultural and disciplinary studies. Students are selected on the basis of their ability to think, desire to learn, good moral character and intellectual maturity. The primary consideration for admission is the ability to do college work satisfactory to the College and beneficial to the student.

Millsaps' 1,100-member student body represents about 30 states and several foreign countries. Students come from 25 religious denominations. All are urged to take advantage of the educational and cultural offerings of Mississippi's capital city of Jackson.

Research facilities available are: The State Department of Archives and History, the State Library, the library of the State Department of Health and the Jackson Public Library. Together, they provide research facilities found nowhere else in the state. Cultural advantages include: The Jackson Symphony Orchestra, The Jackson Ballet Co., New Stage Theatre, Mississippi Opera Association, and musical, dramatic and sporting events held at the City Auditorium and the Mississippi Coliseum.

Millsaps is fully accredited by the Southern Association of Colleges and Schools and approved by the American Association of University Women and the University Senate of the United Methodist Church. It is recognized by the General Board of Education of the United Methodist Church as one of its strongest institutions.

## THE MILLSAPS-WILSON LIBRARY

The Millsaps-Wilson Library has more than 150,000 volumes and 650 periodical subscriptions. It provides individual study carrels and rooms as well as browsing and lounge areas. There is a collection of audiovisual materials and listening facilities. Special collections are: the Lehman Engel Collection of books, manuscripts, recordings, and correspondence relating to the theatre and the arts; the Mississippi Methodist Archives; a rare book collection; the Kellogg Collection of juvenile books and curriculum materials; U.S. government documents; and the Millsaps Archives. The library belongs to the Central Mississippi Library Council and the Southeastern Library Network.

## THE COMPUTING CENTER

In today's complex society, students need to be able to understand the role of the computer. Accordingly, a good college must have a strong computing resource. Millsaps has one of the finest computing facilities available for easy student access. From several terminal cluster locations on campus, students and faculty can use the Digital PDP-11 RSTS/E timesharing computer system which is located in the Academic Complex. Additional resources are the PDP-8/e laboratory and teaching computer and the EAI-TR20 analog computer which are located in Sullivan-Harrell Hall.

## BUILDINGS AND GROUNDS

The 100-acre campus is valued at about $30 million. Chief administrative offices are in Whitworth Hall. Murrah Hall, built in 1914, is being renovated to house the School of Management. Sullivan-Harrell Science Hall, built in 1928, was expanded and modernized in 1963 to create the Millsaps College Science Center.

The Christian Center, completed in 1950, was built with gifts from Mississippi Methodists, alumni and friends. It has a 1,000-seat auditorium, a small chapel, classrooms and offices. In 1967, the stage was renovated into a modern theatre stage.

The James Observatory is an historical landmark located on the northwest corner of the campus.

The Activities Center, dedicated in 1974, has courts for basketball, tennis, badminton and volleyball. Weight-training and physical therapy rooms are also included in this multipurpose facility. An olympic-sized swimming pool is adjacent to the Activities Center. Other athletic facilities include tennis courts and fields for football, baseball, soccer and track.

The Boyd Campbell Student Center houses the office of student affairs, the bookstore, post office, student activity quarters and a recreation area. The grill and dining hall are located in the student center also.

There are three residence halls for women and two for men. All are air conditioned.

The Academic Complex, completed in 1971, includes a recital hall in which is located a 41-rank Mohler organ. The complex houses Music, Art, Political Science, Continuing Education, Computer Services, Business Office, and the Office of Records. It also contains skylit art studios, a student computer terminal room, a listening laboratory, a music laboratory and classrooms.

## ADMISSION REQUIREMENTS

Millsaps College accepts without regard to race, color, sex, creed, or national origin all who are qualified to benefit from its academic program. Applicants must furnish evidence of:

1. Good moral character
2. Sound physical and mental health
3. Adequate scholastic preparation
4. Intellectual maturity

### Freshman Admission

Application for admission to freshman standing may be made by one of the following:

**1. By high school graduation, provided that:**

(a) The student's record shows satisfactory completion of graduation requirements

with at least 12 units of English, mathematics, social studies, natural sciences or foreign language. Four units of English should be included.

(b) Results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT) are submitted and reflect satisfactory scores.

2. **By Equivalency Certificate**
   (a) Students who have not prepared for college may submit results of the General Educational Development Tests (GED) along with a transcript of work completed in lieu of requirements set forth in paragraph 1 (a).

   (b) At the discretion of the Admissions Committee, results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT) may be required.

3. **Early Admission**
   (a) Students who are nearing high school graduation, but choose to enter college before graduation, may apply by submitting an official transcript and results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT).

   (b) At least 12 units in English, mathematics, social studies, natural sciences, or foreign languages must be included. Normally, four units of English are required.

## Transfer Admission

A transfer student is one entering Millsaps as a full-time student from another institution of higher learning. A completed application for admission and transcripts showing all work attempted at other colleges or universities are required. These policies apply to the transfer applicant:

1. Full credit is normally allowed for work taken at other accredited institutions. Some courses which are not regarded as consistent with a liberal arts curriculum may not be credited toward a degree. Work done at non-accredited institutions may be validated if the student makes a satisfactory record at Millsaps.
2. After earning 62 semester hours at a junior or senior college, a student may not take additional work at a junior college and have it apply toward a degree from Millsaps College.
3. A student must complete the work necessary to fulfill requirements for a major at Millsaps or for pre-professional work or teaching licenses.
4. Grades and quality points earned at another institution will be recorded as they are on the transcript. The student must earn at Millsaps quality points at least double the number of hours of academic credit remaining on graduation requirements after transfer credits are entered.
5. In the case of a student transferring to Millsaps with more than three but less than six hours credit in a required subject, the head of the department concerned may approve a three-hour elective in that department as a substitute for the remainder of the required course.
6. The student is subject to the regulation on advanced placement and credit by examination.
7. Credit is not given for correspondence courses.

## Part–Time Admission

A part-time student is one enrolled in a degree program for less than 12 hours. Requirements for admission and policies pertaining to part-time students are the same as those for full-time students.

## Special Student Admission

A special student is one enrolled in a non-degree program. Applicants should submit the Special Student Application Form along with the application fee. Transcripts of all academic work attempted must be provided the Office of Records prior to the end of the first month of enrollment. The following policies apply to special students:

1. Special students are expected to be 21 years of age and must present evidence of good character and maturity. Age requirements may be waived.
2. Special students may enroll for any courses without regard to graduation requirements, but must meet prerequisites for courses chosen.
3. Special students wishing to apply for a degree program must re-apply, provide full credentials and meet admission requirements for degree students. Work completed at Millsaps will weigh heavily in the decision of the Admission Committee.
4. Special students may not represent the College in extracurricular activities.

## International Student Admission

Millsaps College welcomes international students. Admission credentials should be submitted well in advance of the semester in which one expects to enroll. They are:

1. Completed admission forms
2. Official transcript of all work attempted
3. Scores from the *Test of English as a Foreign Language*
4. Letters of recommendation from two persons
5. The application fee
6. A statement of resources for financial support while in the U.S.

Financial assistance is not available to international students so one must come prepared to pay the full cost of attending Millsaps and to support one's self during periods when the college is closed.

## Advanced Placement and Credit by Examination

Students entering Millsaps College may earn a waiver of certain requirements or college credit as a result of their performance on specific examinations. The amount of waiver or credit is limited to 8 hours in any discipline and to 18 hours overall. A student must decide whether or not to accept a waiver or credit prior to registration for the first semester. Scores on the appropriate CLEP subject matter examination, Advanced Placement Course test scores or CEEB achivement test scores should be sent to the Office of Records for evaluation. If a waiver of requirements or credit is granted, the score on the examination used will be recorded on the student's record in lieu of a letter grade. An administrative fee will be assessed for each course so recorded (see the section on Special Fees). For further information concerning the scores necessary to attain course credit on examinations, interested students should consult the chairman of the appropriate department or the dean or associate dean.

Listed below are the courses for which advanced placement and credit by examination are given, along with the examination that should be taken to attain advanced placement or credit. CLEP is the abbreviation for College Level Examination Program. CEEB refers to advanced placement examinations of the College Entrance Examination Board.

| | |
|---|---|
| Accounting 281-282: | CLEP, Introductory Accounting |
| Chemistry 121-122, 123-124: | CLEP, General Chemistry |
| Computer 100 (1 Hour): | CLEP on Elementary Computer Programming |
| Computer 100 (3 Hours): | CLEP on Elementary Computer Programming and Computers and Data Processing |
| Economics 201: | CLEP, Introductory Economics (Combined Micro-Macro) |
| English 101-102: | CEEB in English |
| History 201-202: | CEEB in American History |
| French 101-102: | CEEB in French |
| German 101-102: | CEEB in German |

| | |
|---|---|
| History 101-102: | CEEB, Western Civilization |
| Mathematics 103, 104, 115: | CEEB, Mathematics Level II Test |
| Physics 111-112: | CEEB Physics B |
| Physics 131: | CEEB Physics C, Mechanics |
| Physics 132: | CEEB Physics C, Electricity and Magnetism |
| Psychology 202: | CLEP, General Psychology |
| Sociology 101: | CLEP in Introductory Sociology |
| Spanish 101-102: | CEEB in Spanish |

## APPLYING FOR ADMISSION

All persons not in residence at Millsaps during the preceding regular semester must apply to the Admissions Committee and be accepted prior to registration for the fall and spring semesters.

A prospective student should apply for admission well in advance of the date on which (s)he wishes to enter, particularly if housing accommodations on the campus are desired. The Admissions Committee acts on applications for both the spring and fall semesters as credentials are completed.

In applying for admission a prospective student should follow this procedure:

1. Submit a completed Application for Admission Form with the application fee to the Director of Admissions. The fee is not refunded to a student unless the application is not approved.
2. Request the high school principal or college registrar to send an official transcript directly to the Director of Admissions.
   (a) Transfers must include a transcript from every college or university attended.
   (b) If the prospective student is enrolled in school at the time (s)he applies for admission, (s)he should have a transcript sent showing credits up to that time. A supplementary transcript will be required after admission.
3. Freshman applicants must submit results of either the American College Test (ACT) or Scholastic Aptitude Test (SAT).

## COUNSELING PROGRAM

Counseling services are designed to help students accomplish maximum success in their academic work. Many members of the college community participate in counseling, and specialists are used as referral resources when problems require specialized therapy.

**Pre-Registration Counseling:** The College provides counseling services to any prospective student who wants to explore vocational and educational objectives before entering classes in the fall. Students who are admitted are urged to take advantage of this service.

**Orientation:** Freshmen and transfer students are expected to be on campus on dates specified in the college calendar. Orientation is planned and activated cooperatively by students and faculty to help entering students prepare for campus life.

**Faculty Advisers:** New students are assigned to faculty members who serve as academic program advisers. When a student chooses the major field, a major professor becomes the adviser.

**Personal Counseling:** The Office of Student Affairs counsels students on vocational choices, selection of fields of study, study and reading skills, emotional adjustments and related matters.

**Testing:** An individual testing service is available to help with self-analysis and planning in terms of interests.

## STUDENT HOUSING

The Dean of Campus Life coordinates campus housing in cooperation with residence hall directors, counselors and assistants. Men who are active members of a fraternity may live in its house after the freshman year.

Out-of-town students must reside in college housing unless they have written permission from the Office of Student Affairs to live off-campus. Applications for permission to live off-campus may be obtained from this office and must be completed and approved prior to any intended move. Out-of-town students below the junior level are not permitted to live off-campus except in special cases as defined by the Dean of Campus Life. Students who wish to live with relatives must have written permission from the Office of Student Affairs.

Residence hall rooms are designed to house two students each. Students wishing to room together should make every effort to pay room deposits at the same time and to specify their desire to room together. Single rooms are limited and those desiring a single room should pay their room reservation fees as early as possible. Assignments are made in the order in which this fee or completed applications are received, whichever is later. Room preferences are honored unless the rooms are already taken by students who are eligible for them. Room rent cannot be refunded after the semester begins.

Residence halls open at 10 a.m. on the day preceding each term and close at 10 a.m. on the day following the last scheduled examination of each term. During Thanksgiving and spring holidays, the residence halls will close at 3 p.m. on the last day of scheduled classes and reopen at noon on the day preceding the resumption of classes. Students are not housed in the residence halls during Thanksgiving, Christmas or spring holidays.

## MEDICAL SERVICES

Millsaps provides medical services for minor illnesses to those students living in the residence halls and fraternity houses. The services of a physician are available through the nurse on duty or one of the residence hall directors. Serious illnesses of those requiring long-term care are referred to a local hospital or to home on a private patient basis.

The College will pay for the initial visit to the school physician. However, any additional visits to the school physician or any visits to another physician or specialist is the financial responsibility of the student. Students who make their own appointments with the school physician or any other physician, except in emergencies, will accept financial responsibility of the appointment.

## CAREER PLANNING AND PLACEMENT SERVICES

The College has a Career Planning and Placement Office which is designed to serve students and alumni who are making career and job decisions. Career planning begins in the freshman year and is pursued through the senior year by means of counseling, testing, seminars and campus visitors. A well-established campus recruiting program provides opportunities for graduating seniors to interview representatives from many organizations which schedule campus recruiting dates from September to April. Employment decisions are the student's responsibility, but the Placement Office serves as a supplement to the student's efforts in identifying and securing the employment opportunity best suited to his or her qualifications and career interests.

The College recognizes that many students wish or need to earn money in part-time jobs. The Placement Director assists those persons in obtaining part-time employment off campus. It should be noted that many Jackson employers have found Millsaps students to be excellent workers and therefore make many opportunities available.

# STUDENT RECORDS

In accordance with the Family Educational Rights and Privacy Act of 1974, Millsaps College students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution. It also insures that records cannot be released without the written consent of the student except in the following situations:

(a) to school officials and faculty who have a legitimate educational interest, such as a faculty adviser;

(b) where the information is classified as "directory information." The following categories of information have been designated by the Millsaps College as directory information: name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational institution attended by the student, and information needed for honors and awards. If you do not wish such information released without your consent you should notify the Office of Records in writing prior to the end of the first day of classes.

For a full statement of policy concerning the confidentiality of student records, consult the staff of the Office of Records or the Office of Student Affairs.

# 2
# financial information

# TUITION AND FEES

Millsaps College is an independent institution. Each student is charged a tuition which covers approximately 54 percent of the cost of an education. The balance is met by income from endowment and by gifts from the United Methodist Church, alumni, trustees, parents, and other friends.

## SEMESTER EXPENSES FOR FULL-TIME UNDERGRADUATE STUDENTS
### (12–16 Semester Hours)

Basic expenses for one semester are:

| | Resident | Non-Resident |
|---|---|---|
| Tuition | $1,750.00 | $1,750.00 |
| Student Association Fee | 30.00 | 30.00 |
| Activity Fee | 25.00 | 25.00 |
| Room rent†† | 300.00 | |
| Meals† | 450.00 | |
| Total | $2,555.00 | $1,805.00 |

## SEMESTER EXPENSES FOR PART-TIME UNDERGRADUATE STUDENTS
(11 Hours or less)

| | |
|---|---|
| 11 hours | $1,560 |
| 10 hours | 1,375 |
| 9 hours | 1,185 |
| 8 hours | 995 |
| 1-7 hours | 115 per semester hour |
| Activity Fee per semester hour | 1.00 |

†Two plans are available at $425 and $450

††Dormitory rooms are rented on a yearly basis with charges* and payments due as follows:

| | 1st sem. | 2nd sem. | | Total |
|---|---|---|---|---|
| Double Occupancy | $360 | $240 | = | $600 |
| Single (when available non-guaranteed) | $540 | $360 | = | $900 |
| Single (guaranteed)** | $720 | $480 | = | $1200 |

*These charges are for those students who enter in the fall. Those students who enter in the second semester will pay half the total for their type occupancy. If a student changes type of occupancy during the year the charge will be figured according to the type and when changed.

**Single guaranteed rooms are for the student who wants to be assured a single room. A non-refundable fee of $100 is required to guarantee a single room; this fee applies against the rent of the guaranteed room. Before May 1, priority will go to upperclass students: after May 1 priority will be on a first come basis.

Other fees depend on the courses for which the student registers, and on circumstances related to registration.

## RESERVATION DEPOSITS

| | |
|---|---|
| Resident | $75.00 |
| Non-resident | 25.00 |

CLASSROOM RESERVATION DEPOSIT—A $25 classroom reservation deposit must be paid by all full-time students upon notification of acceptance. If a student decides not to come to Millsaps, this deposit is refundable if the Admissions Office receives a request for refund by July 1.

DORMITORY RESERVATION DEPOSIT—A $50 room reservation deposit must be paid by all students requesting campus housing. This deposit will be credited to the student's account for payment against room charges. If a student decides to withdraw from college housing, he may receive a refund if a request is made prior to July 1. After July 1 this deposit is non-refundable and non-transferable. Payment is required by July 1, or thereafter within ten days of the date of acceptance.

## LABORATORY AND FINE ARTS FEES

### Fine Arts Fees

| | |
|---|---|
| Art courses | |
| Each course except 201, 202, 303, 420 and 421 | $ 20.00 |
| Music private lessons and use of practice rooms | |
| Per credit hour (½ hour lesson per week) | 75.00 |

### Science Laboratory Fees

| | |
|---|---|
| Astronomy - all courses | 30.00 |
| Biology - 101-102 | 25.00 |
| - all other courses* | 30.00 |
| Chemistry - all lab courses* | 30.00 |
| - all laboratory courses breakage fee** | 20.00 |
| Geology - all courses* | 30.00 |
| Physics - all laboratory courses* | 30.00 |
| * All departments - Special Problems, Directed Study, Undergraduate Research - Per credit hour | 15.00 |

**Unused portion refundable at end of semester.

### Other Laboratory Fees

| | |
|---|---|
| Administration 336 | 20.00 |
| Computer Studies - all courses | 40.00 |
| Education 337 | 10.00 |
| Horsemanship | 150.00 |
| Mathematics - all courses using the computer | 20.00 |
| Modern Foreign Languages 101-102 | 10.00 |
| Psychology 312, 316 | 20.00 |

## SPECIAL FEES

The general purpose of special fees is to allocate to the user at least a portion of the direct cost for providing special services, equipment and facilities.

COURSE OVERLOAD FEE.—A fee of $75.00 per semester hour is charged for course loads above 16 semester hours.

PARKING FEE.—A fee of $1.00 per semester hour ($15.00 maximum) is charged for students who wish to park on campus. This fee will help cover the cost of maintaining the college parking lots and streets. The streets on campus are the property of the College and must be maintained by the College. Students failing to register vehicles may be denied the privilege of parking on campus.

ACTIVITY FEE.—A fee of $25.00 is charged for general student activities. The fee covers admission to all college sponsored activities, the use of all college recreational facilities, and participation in college activities not covered by tuition. Part-time students are charged at the rate of $1.00 per semester hour.

LATE REGISTRATION FEE.—A $5 fee will be charged any student who registers after the days designated. Payment of expenses is part of registration.

CREDIT BY EXAMINATION FEE.—A $25 fee is assessed for the recording of each course for which credit is allowed if the credit is not transfer credit or if the examination is not a Millsaps examination.

CHANGE OF SCHEDULE FEE.—A $5 fee will be charged for each change of schedule authorization processed. Any change initiated by the College will have no fee.

GRADUATION FEE.—The $25 fee covers the cost of the diploma, the rental of a cap and gown, and general commencement expenses.

MUSIC FEE—Music majors who are full-time students will be required to pay only the one credit-hour fee for private instruction per instrument per semester. All other students, including special students, must pay the prescribed fee in addition to tuition for any private instruction in music.

AUDITING OF COURSES.—Courses are audited with approval of the Dean of the College. There will be no charge except laboratory fee to a full-time student for auditing any course. All other students must pay regular tuition and fees for auditing courses, except that persons 65 and over may audit undergraduate courses for one-half tuition and fees.

# FINANCIAL REGULATIONS

PAYMENTS—All charges are due and payable on or before the day designated for registration. No student will be considered registered until payment is made.

For parents who prefer to meet educational expenses on an installment basis, Millsaps offers the monthly payment services of The Insured Tuition Payment Plan and The Tuition Plan, Inc. Information is sent to the parents of each incoming student. For information in advance, write to:

Richard C. Knight Insurance Agency, Inc.
53 Beacon Street
Boston, Mass. 02108
or
The Tuition Plan, Inc.
Concord, N.H. 03301

A deferred payment plan may be arranged by written application to the Business Office **at least two weeks prior to the opening of the semester**. Upon approval and payment of a $15 fee, the following schedule of payments will apply:

50% at registration
25% October 1 or March 1
25% November 1 or April 1

To meet the additional expenses of bookkeeping and collecting, an additional charge is imposed when accounts are not paid on the day they are due. A ten-day grace period will be allowed from the day the payment is due. At the expiration of the ten-day period, all past-due accounts will be assessed a $10 late charge.

If a student on the deferred payment plan withdraws after the refund period, the unpaid balance on the account is due and payable in full.

Any accounts due for any preceding semester must be paid before a student will be enrolled for the succeeding semester. The Director of Records is not permitted to transfer credits until all outstanding indebtedness to the College is paid.

No student will graduate unless (s)he has settled all indebtedness, including library fines and the graduation fee.

CASHING PERSONAL CHECKS—Personal checks for a maximum of $25 may be cashed in the Business Office and a maximum of $10 in the Bookstore upon proper identification.

RETURNED CHECKS - A charge of $15 will be made for each returned check issued in payment for tuition. There will be a charge of $5 per check for all other returned checks.

REFUNDS.—Room rent cannot be refunded after the semester has begun. Unused amounts paid in advance for board are refundable. A student who withdraws with good reason from a course or courses within one week after the date of the first meeting of classes on regular schedule will be entitled to a refund of 80% of tuition and fees; within two weeks, 60%; within three weeks, 40%, and within four weeks, 20%. If a student remains in college as long as four weeks, no refund will be made except for board.

The date of withdrawal from which all claims to reductions and refunds will be referred is the date on which the Director of Records is officially notified by the student of the intention to withdraw. (See regulations relative to withdrawals.)

The College reserves the right to cancel the registration of any student at any time. In such a case, the pro rata portion of tuition will be returned. Students withdrawing under discipline forfeit the right to a refund.

MEAL PLAN.—Students living in college or fraternity housing are required to participate in the college meal plan.

STUDENTS ROOMING IN FRATERNITY HOUSES.—Rules regarding payment of board and fees applicable to other campus residents will be observed by these students.

REVISION OF CHARGES.—Millsaps College reserves the privilege of changing any or all charges at any time without prior notice.

## SCHOLARSHIPS AND FINANCIAL AID

Millsaps College grants scholarships and financial aid to students on two bases: academic excellence and financial need. Information may be obtained from the director of financial aid. Financial aid is not available to international students.

In instances of financial need, the amount of aid granted is based on information sub-

mitted by the College Scholarship Service of the College Entrance Examination Board. The College Scholarship Service assists in determining the student's need for financial assistance. Students seeking assistance must submit a copy of the Financial Aid Form to the College Scholarship Service, designating Millsaps College as the recipient, by April 1. The Financial Aid Form may be obtained from a secondary school, Millsaps College, or the College Scholarship Service, P.O. Box 176, Princeton, N.J. 08540; P.O. Box 881, Evanston, Ill. 60204; or P.O. Box 1025, Berkeley, Calif. 90704.

## Competitive Scholarships

**The David Martin Key Scholarships** are granted to promising students who are designated as the Key Scholars, and are renewable if academic requirements are met. They are a memorial to Dr. David Martin Key, who served the College as teacher and president.

**Diamond Anniversary Scholarships** recognize achievement and leadership potential as well as academic ability. Sixty to seventy are available each year. Some will be honorary with no financial grants being made. Recipients are selected from applicants proposed by the faculty.

**The Marion L. Smith Scholarships** have been authorized by the Board of Trustees in honor of former Millsaps College President Marion L. Smith. They are awarded annually to selected high school seniors on the basis of interviews conducted by faculty members. Marion L. Smith Scholarships are one year, non-renewable awards. They range in value up to $500 each.

**United Methodist Scholarships** provide $500 each for several Methodist students who have ranked in the upper 15 percent of their class.

**The Tribbett Scholarship** is awarded at the end of each session to the member of the sophomore or junior class whose quality index is highest for the year, subject to the following qualifications:

1. Must be a regular student with not less than 32 semester hours' work for the year, and must have made at least "C" in each of the subjects studied.
2. Must be qualified for work assigned by the president of the College.

**Leadership Scholarships** are awarded to outstanding students with special talent in academic, fine arts and athletic areas. Selection is based on the merit of the nominee in the field of recommendation as well as test scores, grades and leadership. These awards are renewable annually.

## Institutional Scholarships

**Children of United Methodist Ministers** serving in the conferences of the state of Mississippi receive scholarship aid from the College.

**The Foreign Student Scholarship Program** supports the Foreign Student Program which attempts to assist foreign students enrolled.

**General Scholarship Funds** are budgeted each year to help students requiring financial aid.

**United Methodist Ministerial Students** annually receive a $1,000 scholarship, contingent upon at least one year's reciprocal service in the ministry of the United Methodist Church.

**The Burlie Bagley Scholarship Fund.** The scholarship will be awarded to a student who is training for full-time Christian service.

**The Bell-Vincent Scholarship Fund**

**The J. E. Birmingham Memorial Scholarship Fund**

**The Pet and Randall Brewer Memorial Scholarship Fund.** The scholarship will be awarded each year to a student who is training for a church-related vocation.

**The W. H. Brewer Scholarship**

**The Dr. T. M. Brownlee and Dan F. Crumpton, Sr., Scholarship Fund**

**The A. Boyd Campbell Scholarship Fund**

**The Dr. Elbert Alston Cheek and Son Scholarships**

**The Rev. and Mrs. C. C. Clark Endowed Scholarship Fund.** This scholarship annually provides funds for deserving and needy students enrolled at Millsaps.

**Mrs. J. G. Cobb Scholarship**

**The George C. Cortright, Sr., Scholarship**

**The Dr. and Mrs. J. R. Countiss, Sr., Scholarship**

**The Dr. and Mrs. C. W. Crisler Scholarship**

**The Helen Daniel Memorial Scholarship**

**The Charles W. and Eloise T. Else Endowed Scholarship Fund.** The annual scholarship is awarded to an outstanding student in the Department of Business Administration.

**The William B. Fields Scholarship Fund,** established in 1978, is awarded annually to a resident of Lee County, Mississippi, who has a record of high academic achievement and who has the desire to develop skills which maximize the use of individual talents.

**The Josie Millsaps Fitzhugh Scholarship**

**The Bishop Marvin A. Franklin Scholarship Fund.** Preference is to be given to a pre-theological student or to some student preparing for a full-time church vocation.

**The Irene and S. H. Gaines Scholarship Fund.** Scholarships for Mississippi young people who are planning to enter the service of the United Methodist Church.

**The Marvin Galloway Scholarship**

**The N. J. Golding Scholarship Fund.** The income from this fund is to be awarded each year to a ministerial student or under certain circumstances to a chemistry major.

**The Clara Barton Green Scholarship**

**The Wharton Green '98 Scholarship**

**The Clyde W. Hall Scholarship**

**The Mr. and Mrs. D. H. Hall Scholarship Fund**

**The Maurice H. Hall, Sr., Endowed Scholarship Fund.** Established in 1978 by Maurice H. Hall, Sr., of Bay Springs, MS, the Hall Scholarships are awarded to students on the basis of academic achievement and leadership ability.

**The Jim Lucas Endowed Scholarship Fund.**

**The James E. Hardin Memorial Scholarship Fund.** Income is to be awarded to a pre-law student at Millsaps.

**The John Paul Henry Scholarship Fund.** Preference shall be given to a student preparing for the ministry in the United Methodist Church.

**The Herman and Martha Hines Endowed Scholarship Fund**

**The Rames Assad Khayat Memorial Scholarship**

**The Alvin Jon King Music Scholarship.** Income from this fund is given to one or more students in music or music activities of the College.

**The Norma C. Moore Lawrence Memorial Scholarship Fund**

**The Reverend and Mrs. W. C. Lester Scholarship Fund**

**The Susan Long Memorial Scholarship Fund**

**The Will and Della McGehee Memorial Scholarship.** Interest will go to a ministerial student selected by the College.

**The James Nicholas McLean Scholarship Fund,** established by Carolyn H. McLean in memory of her husband, the fund provides assistance for deserving students attending Millsaps College.

**The Lida Ellsberry Malone Scholarship**

**The Mr. and Mrs. G. W. Mars Scholarship.** Scholarships are to be given to ministerial students.

**The Robert and Marie May Scholarship Fund**

**The Arthur C. Miller Pre-Engineering Scholarship Fund.** The income from this fund is to be awarded to a pre-engineering student.

**The Mitchell Scholarship**

**The J. L. Neill Memorial Scholarship.** The income is awarded each year to a student preparing for full-time Christian service.

**The Harvey T. Newell, Jr., Memorial Scholarship**

**William George Peek Scholarship Fund.** Established in 1979 by Mrs. Agnes Peek in memory of her husband, income from the scholarship fund is used to award an annual scholarship to an entering freshman student who combines high academic standards with leadership and extracurricular activities. The selection is made by the Award Committee.

**The Bishop Edward J. Pendergrass Scholarship Fund.** Interest from this fund is awarded to a ministerial student.

**The J. B. Price Scholarship**

**The Lillian Emily Benson Priddy Scholarship.** Yearly awards go to a young woman who is training for full-time Christian service.

**The Kelly Mouzon Pylant Memorial Scholarship Fund** provides annual financial assistance to a student preparing to enter the mission field or other area of Christian service.

**The S. F. and Alma Riley Memorial**

**The R. S. Ricketts Scholarship**

**The Frank and Betty Robinson Memorial Scholarship**

**The H. Lowry Rush, Sr., Scholarship Fund.** Interest will be awarded annually to a ministerial student.

**The Richard O. Rush Scholarship Fund**

**The Paul Russell Scholarship**

**The Charles Christopher Scott, III, Scholarship Fund**

**The George W. Scott, Jr., Scholarship** will be awarded to a ministerial student.

**The Mary Holloman Scott Scholarship Fund**

**The Inez Harvey Silverstein Scholarship**

**The Reverend and Mrs. Lonnie M. Sharp Scholarship Fund.** Income is for scholarships with preference given to ministerial students.

**The Albert Burnell Shelton Scholarship**

**The William Sharp Shipman Foundation Scholarship Fund.** The recipient is to be a senior ministerial student chosen by the Advisory Committee of the Foundation.

**The Willie E. Smith Scholarship.** Interest will go to a ministerial student.

**The Dr. Benjamin M. Stevens Scholarship Fund Of The Hattiesburg District of The United Methodist Church.** The income from this fund is to be awarded to a student of the Hattiesburg District with preference given to a ministerial student.

**The E. B. Stewart Memorial Scholarship Fund.** Income from this fund is given to students interested in the study and development of human relations.

**The R. Mason Stricker Memorial Scholarship Fund**

**The Mike P. Sturdivant Scholarship Fund**

**The Sullivan Memorial Scholarship**

**The Sullivan Geology Scholarship Fund.** Under the terms of the scholarship, the student selected may do a year of graduate work in geology.

**Sumners Scholars Grants.** Made possible through the Mr. and Mrs. E. H. Sumners Foundation established by Mrs. E. H. Sumners, the Sumners Grants are awarded to students from Webster, Attala, Choctaw, Carroll and Montgomery counties who meet

residence requirements. The grants are awarded for eight consecutive semesters of study, provided the student remains academically eligible, and covers tuition, fees, room, board and books.

**The James Monroe Wallace, III, Scholarship.** Interest provides a scholarship to a ministerial student.

**The W. H. Watkins Scholarship**

**The Milton Christian White Scholarship.** The recipient is to be an English major.

**The Dennis E. Vickers Memorial Scholarship.** Preference is given to students preparing for full-time church vocations.

**The Dr. Vernon Lane Wharton Scholarship**

## Sponsored Scholarships

**Fraternity Scholarship Award**—The Pi Kappa Alpha National Memorial Foundation Scholarship Award of $300 is given to a fraternity sophomore.

**The Galloway Church Bible Class Scholarship**

**The Greater Mississippi Life Scholarship.** Preference is given to students majoring in business or a related field.

**The Nellie Hederi Scholarship Fund**

**The Wilson Hemingway Scholarship**

**The Joey Hoff Memorial Scholarship**

**The Albert L. and Florence O. Hopkins Scholarship**

**The Jackson Christian Education Association Scholarship** helps a student prepare for a Christian education vocation.

**Jackson Civitan Scholarship** is awarded to a junior student.

**Mr. and Mrs. John Kimball Scholarship Fund**

**The Kappa Alpha Eric Gunn Memorial Scholarship**

**The Panhellenic Scholarship** is awarded to a woman student who is a member of one of the Greek organizations.

**The Teacher Education Scholarship** encourages and assists juniors and seniors preparing to enter a public school teaching career.

**The United Methodist Youth Assistance Scholarship** was established by the Executive Committee of the Mississippi Conference Methodist Youth Fellowship. The recipient is selected by the Conference Council on Youth Ministry. A minimum of four hours work per week in the department of Youth Ministry of the Conference Program Council is required.

**James Thompson Weems Endowed Scholarship Fund.** Established by Dr. William H. Parker, Jr., in 1979 in memory of his grandfather, a retired Methodist minister and former member of the Mississippi House of Representatives. Proceeds from this scholarship fund are awarded annually to an entering freshman whose academic credentials are complemented by exhibited traits of leadership in extracurricular activities.

**The Mary Virginia Weems Scholarship**

## Loan Funds

**The Federally Insured Loan Program.** Under this program the student completes a federally insured application (OE 1154) and a Financial Aid Form. He sends the FAF to College Scholarship Service listing Millsaps as the recipient. Then the financial officer at Millsaps will determine the student's need and recommend this need to the student's lender (a credit union, bank, savings and loan, and any other lending institution). The government will pay the 7 percent interest while the student is in school. It is up to the student to negotiate the loan with the lender of his choice. A student may borrow in one academic year a sum not to exceed $2500 and no more than $7500 maximum for all

years combined. Repayment of the loan begins not earlier than nine months nor later than one year after the date of graduation or withdrawal from school.

**The National Direct Student Loan Program.** A student may borrow in the first two academic years a total sum not to exceed $2500 and during the undergraduate course of study a sum not exceeding $5000. Payment of the loan begins nine months after the borrower has completed or withdrawn from higher education work and will be completed within ten years and nine months. The interest rate is 3 percent during repayment. Detailed information concerning this loan and application forms can be secured from the director of financial aid at Millsaps.

**Other loan funds available are:**

The Coulter Loan Fund for pre-ministerial students
The Claudine Curtis Memorial Loan Fund
The William Larken Duren Loan Fund
The Paul and Dee Faulkner Loan Fund
The Kenneth Gilbert Endowed Loan Scholarship
The Phil Hardin Loan Fund
The Kiwanis Loan Fund
The Graham R. McFarlane Loan Scholarship for students going into full-time religious work in the Christian Church.
The J. D. Slay Ministerial Loan Fund
The United Methodist Student Loan Fund
The George R. and Rose Williams Endowed Loan Fund was established in 1977 by Miss Rufie Lee Williams and Mrs. J. O. Howard to honor their brother, a retired minister of the North Mississippi Conference of the United Methodist Church. Loans from the fund are available to any full-time Millsaps student who in the opinion of the Financial Aid Committee needs and is deserving of financial assistance.

Information and applications are available from the director of financial aid.

## Additional Financial Aid Operations

**Part-time Employment:** Students who want part-time work on campus must apply through the Awards Committee. Students seeking employment off campus may contact the Office of Student Affairs.

**The College Work-Study Program** has been established from funds contributed by the federal government and the college to provide financial assistance through employment.

**State Student Incentive Grants** are provided by Millsaps, the state of Mississippi and the federal government. These funds are to help qualified students with substantial financial need.

**Supplemental Educational Opportunity Grants** are provided by the federal government to provide supplemental grants to other aid to assist in making available the benefits of higher education to qualified students of exceptional financial need who, for lack of financial means of their own or their families, would be unable to obtain an education without such aid.

**Basic Educational Opportunity Grant** was established by the Educational Amendments of 1972 and is funded by the federal government. When fully funded, each student is entitled each academic year to a grant of $1600 less family contribution (method of determining this contribution to be set by the Commissioner of Education), or half the college cost, whichever is less.

# 3
# student life

## RELIGIOUS LIFE

The religious life of the College centers around the churches of Jackson and the campus religious program.

Stimulation and coordination of campus religious life are the functions of the Committee on Religious Concerns and the Chaplain, working with various groups such as Berean Fellowship, the Koinonia Community, the Methodist Student Association and Newman Club. The office of the Chaplain attempts to maintain direct contact with student religious groups to encourage and support their activities, and to provide religious and personal counseling both to individuals and to groups. The Committee on Religious Concerns, consisting of faculty and student members, attempts to determine the religious needs of the college community and to provide special programs and emphases as required.

Student religious groups vary widely and have become less formal. Students desiring the more structural type of young adult programs are encouraged to affiliate with established activities in local churches of their choice. Some campus groups are organized along denominational lines, while others have a more ecumenical orientation and attempt to provide discussion, study, activities, and projects which will appeal to all students, whether or not they are affiliated with a specific church.

The office of the chaplain reflects a desire for the religious life on the campus to involve an organized concern for the total needs of the Millsaps community. Persons and committees related to this office plan for concerns that are narrowly religious in nature as well as those that represent efforts to minister to personal needs of individuals.

The Preparation for Ministry Program, an organization of persons preparing for professional Christian vocations, attempts to create programs and field work appropriate to the needs of student members.

## PUBLIC EVENTS COMMITTEE

The Public Events Committee receives funds from the student government to sponsor programs of general interest to the campus and community. Its major activity is the Friday Forum Series—a continuing slate of speakers presented each Friday during the academic year. The objective of the series is to provide information and stimulate interest in current issues, to explore historical events and to present differing perspectives on controversial subjects. Faculty members, local authorities and national experts are invited to present their thoughts on a variety of literary, cultural, scientific, political, religious and historical topics.

In addition to the Forum Series, the Public Events Committee sponsors special events throughout the academic year. It provides funds to student organizations and academic departments interested in organizing programs open to the entire campus. These include films, guest speakers and music recitals. At least once a year the committee sponsors a week-long symposium on a significant theme and invites nationally known figures to participate. During election years, candidates for state and local political office are also invited on campus to present their positions.

All of these activities have to do with the true aim of liberal education: the liberation of the mind to grasp the world of nature and of human experience and action in all its richness and complexity, and to respond with awareness, sensitivity, concern, and mature judgment.

# ATHLETICS

The athletic policy of Millsaps College is based on the premise that athletics exist for the benefit of the students and not primarily to enhance the prestige and publicity of the college.

Competitive sports conducted in an atmosphere of good sportsmanship and fair play can make a significant contribution to the complete physical, emotional, moral, and mental development of the well-rounded individual. They are thus an integral part of a program of liberal education. An attempt is made to provide a sports-for-all program and to encourage as many students as possible to participate.

## Intercollegiate

The program for men includes football, basketball, baseball, tennis, and soccer. The women's program includes basketball and tennis.

The programs are conducted on guidelines established by the National Collegiate Athletic Association and the Association of Intercollegiate Athletics for Women of which Millsaps College is a member.

Those who participate in intercollegiate athletics are required to observe and maintain the same academic standards as other students.

## Intramural

The program for men provides competition among campus organizations in basketball, volleyball, softball, tennis, track, soccer, and golf. Rules are made and administered by the Intramural Council, composed of student representatives with the intramural director as an ex-officio member.

The program for women is administered by The Women's Intramural Council, whose student members head the teams that compete in such sports as touch football, badminton, volleyball, tennis, basketball, and softball. Election to the Majorette Club provides recognition for athletic participation.

# PUBLICATIONS

**The Purple and White** is the official student newspaper of the College, and its staff is composed of individuals interested in campus journalism. The **P&W** endeavors to provide coverage of all Millsaps events, as well as to serve as a forum for discussion and exploration of ideas.

Now in its seventy-fifth year, the **Bobashela** is the annual student publication of Millsaps College, attempting to give a comprehensive view of campus life. "Bobashela" is an Indian name for good friend.

Through **Stylus**, the College literary magazine, students interested in creative writing are given an opportunity to see their work in print. The publication comes out twice each year and contains the best poetry, short stories, and essays submitted by Millsaps students.

# MUSIC AND DRAMA

## The Millsaps Singers

Open by audition to all students, the Singers represent Millsaps in public performances, campus programs, annual tours throughout the state, and to other areas of our United States. In recent years the choir has traveled to Colorado; to Washington, D.C.; to Atlanta, to record for the National Protestant Hour; and to Mexico. The choir has sung with the Memphis Symphony Orchestra three times, the Jackson Symphony many times, the Chicago Chamber Orchestra, and the New Orleans Philharmonic. Membership earns two semester hours of activity credit for the year's work.

### The Millsaps Players

The Millsaps Players present four three-act plays each year. Major productions of recent years include "The Sea Gull," "The Three-penny Opera," "My Fair Lady," "Julius Caesar," "Camelot," "Romeo and Juliet," "Medea," "Becket," "Androcles and the Lion," "Camino Real," "Macbeth," "Luther," "The Rivals," "South Pacific," "Crown Matrimonial," and "The Day After the Fair."

Membership in The Players is open to all students, and effective participation in the production earns one academic credit each semester.

## STUDENT ORGANIZATIONS

### Student Association

All regularly enrolled students of Millsaps are members of the Student Association. Those taking at least 12 hours or part-time students who pay the Student Association fee have full power of voting. The Millsaps Student Association is governed by the Student Senate, the Student Judicial Council, and the Student Executive Board. The Student Senate is composed of not more than 20 voting members elected from the Millsaps Student Association. Representatives are chosen by petition, with no more than 40 signatures required for any petition. (The Election Committee decides each year how many signatures will be required.) Members of the Student Senate are chosen by the third Tuesday in September and serve their constituency the length of the academic year.

Student Executive Board (S.E.B.) Officers of the Student Senate are elected at large from the Millsaps Student Association. The officers are President, First Vice-President, Second Vice-President, Secretary, and Treasurer. The officers serve a term beginning and ending on the first day of February.

Regular student Senate meetings are held during the first week of each month, with special meetings called by the Secretary at the request of 1) the President of the Senate, 2) the Senate, 3) seven members of the Senate, 4) the President of the College.

The duties and functions of the Student Senate according to the Constitution are "to exercise legislative and executive power over those non-academic areas of collegiate activity that are in most instances the responsibility of students", including 1) the apportionment of funds collected by the College as Student Association fees; 2) the granting or revoking of charters to use campus facilities and funds by student organizations; 3) formulating rules of social and dormitory conduct; 4) the conduction of Student Association elections; 5) traditional class responsibilities; 6) the intramural program.

The Judicial Council is composed of three ex-officio advisors and seven appointed members. The Dean of Campus Life and the Dean of the College act in a non-voting advisory function. Seven voting student members in addition to three alternate members are nominated by a special committee of the Student Senate and are confirmed by the Student Senate, with a view to appropriate balance in regard to race, sex, and place of residence.

No member of the Student Senate or the College Assembly may be a voting member of the Judicial Council. Council members serve a term of one year. They are appointed in the Spring. The Millsaps Judicial Council has jurisdiction over all student disciplinary cases except when an individual's eligibility to continue as a student is put into question because of academic or medical difficulties. Its decisions shall be appealable to the President of the College.

## Honor Societies

**Alpha Epsilon Delta** is an honorary pre-medical fraternity, founded at the University of Alabama in 1926. Leadership, scholarship, expertness, character, and personality are the qualities by which students are judged for membership. Alpha Epsilon Delta strives to bridge the gap between pre-medical and medical schools.

**Alpha Psi Omega,** a national honorary dramatic fraternity, recognizes members of the Millsaps Players for their effective participation in acting, directing, make-up, stage management, costuming, lighting, or publicity. Each year the name of the outstanding graduating senior member of the organization is engraved on a trophy which is kept in the college trophy case.

**Beta Beta Beta,** established at Millsaps in 1968, is a national honor fraternity for students in the biological sciences. Its purposes are to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation of the life sciences. Monthly meetings are held to discuss new ideas, research, and other material pertinent to biology and related sciences. Activities include off-campus field trips and the invitation of nationally prominent lecturers to the campus.

**Eta Sigma,** scholastic honorary, was re-established on Millsaps campus in 1957.

**Eta Sigma Phi** is a national honor fraternity, recognizing ability in classical studies. Alpha Phi, the Millsaps chapter, was founded in December, 1935.

**Kappa Delta Epsilon,** a professional education sorority, promotes the cause of education by fostering high scholastic standing and professional ideas among those preparing for the teaching profession.

**Omicron Delta Kappa** is a leadership society with chapters in principal colleges and universities. Pi Circle at Millsaps brings together members of the student body and faculty interested in campus activities, together with a limited number of alumni and supporters who plan for the betterment of the College. Membership in Omicron Delta Kappa is a distinct honor.

**Pi Delta Phi** is a national French honor society which recognizes attainment and scholarship in the study of the French language and literature. Its purpose is to honor those students having earned a minimum of 18 semester hours in French, and who have a high scholastic average in all subjects. Honorary members are chosen from among the faculty, alumni, and townspeople who have a special interest in the activities of this organization.

**Schiller Gesellschaft** was founded in order to give recognition to those students who have shown excellence in the study of German and in order to provide a forum for the study of all aspects of German civilization.

**Sigma Delta Pi,** the international Spanish honorary, was established at Millsaps College on February 24, 1968. This honor society recognizes attainment and scholarship in the study of the Spanish language and literature. Membership is open to students with a high scholastic average in all subjects who also possess at least a "B" average in Spanish. Membership is limited to those having at least three college years of Spanish including a minimum of three hours of literature.

**Sigma Lambda** is a leadership and service honorary society whose members are selected on the basis of character, scholarship, and involvement in college and community activities. It brings together student leaders from many phases of campus life along with a limited number of faculty members to provide opportunities for service to the Millsaps community and to act as a channel for the exchange of information about campus events and concerns.

**Theta Nu Sigma** membership is offered to second semester sophomores, juniors, and seniors who are majoring in one of the natural sciences and who fulfill certain specified qualifications. The purpose is furthering general interest in the sciences.

### Activity Groups

**Deutscher Verein** was founded to provide an organization for the informal study of various aspects of German and Austrian cultural life. At Christmas the annual "Weihnachsfest" is a campus tradition.

**The Millsaps Black Students Association** is designed to stimulate and improve the social and academic atmosphere for black students at Millsaps College.

## FRATERNITIES AND SORORITIES

There are four fraternities and four sororities at Millsaps. The fraternities and sororities are all members of well-established national Greek-letter organizations.

The **sororities** are Chi Omega, Kappa Delta, Phi Mu, and Alpha Kappa Alpha.

The **fraternities** are Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, and Pi Kappa Alpha.

Policies governing sorority and fraternity life are formulated through the Panhellenic Council and the Interfraternity Council.

Alpha Kappa Alpha is an associate member of the college Panhellenic Council.

At the end of Rush Week these organizations offer "bids" to the students whom they have selected. Eligibility for membership in sororities and fraternities is governed by the following regulations:

**A. General Conditions**

1. Only bona fide regular students (carrying at least 12 academic hours) may be pledged.
2. A student may not be pledged to a fraternity or sorority until his official registration for classes has been cleared by the Office of Records.
3. Each social organization shall secure a letter of scholastic eligibility of its prospective initiates from the Director of Records prior to the initiation ceremonies.
4. Only persons who are bona fide students at Millsaps at initiation time can be initiated except by permission of the Social Organizations Committee.

**B. Scholastic Requirements**

1. To be eligible for initiation, a student must have earned in his most recent semester of residence as many as 24 quality points, and in the same semester as many as 12 semester hours of academic credit, and must not have fallen below D in more than one subject.
2. A student who drops a course after the end of the half semester shall receive an F for sorority or fraternity purposes as well as for academic averages.
3. The two terms of summer school combined shall count as one semester for sorority or fraternity purposes.

# MEDALS AND PRIZES

**The Albert Godfrey Sanders Award** in French is given to a student in intermediate French on the basis of academic excellence in the language and for general interest and contributions in the dissemination of French culture and civilization. The award is intended to encourage students on the intermediate level to continue their studies in the field of French literature, and it carries with its honor a certificate of excellence and a handsome volume, devoted to some aspect of French culture, donated by the Cultural Services of the French Embassy in New York.

**The Albert Godfrey Sanders Award** in Spanish has the same purpose and qualifications for the student in intermediate Spanish as the A. G. Sanders Award in French has for students of that language. The award, in addition to the honor conferred, consists of a certificate of excellence and a handsome volume devoted to some aspect of Spanish culture.

**Alpha Epsilon Delta Award.** The local chapter of Alpha Epsilon Delta, a national society for pre-medical and pre-dental students, awards annually a certificate of merit to the most outstanding member of the society in the graduating class.

**The Alpha Psi Omega Award,** the Millsaps Players Acting Awards, the Millsaps Players/Haines Award for Scenery, and The Mitchell Award are given each year to those students who are outstanding in dramatics.

**Analytical Chemistry Award.** This award is sponsored each year by the Millsaps College Department of Chemistry and the American Chemical Society, Division of Analytical Chemistry, and is awarded to the most outstanding undergraduate in analytical chemistry.

**Awards in German.** Each year, through the generosity of the West German Federal Republic and the Republic of Austria, the Department of German presents appropriate book prizes to students showing excellence in the German language and literature.

**The Beta Beta Beta Award.** The Beta Beta Beta Chapter recognizes annually an outstanding member of the chapter who has demonstrated scholastic excellence and outstanding service in the field of biology.

**The Biology Award.** The Department of Biology recognizes annually an outstanding member of the graduating class whose major is biology.

**The Biology Research Award.** The Department of Biology recognizes annually a biology major who has won recognition in biology on the basis of interest, scholarship, and demonstration of research potential.

**Black Students' Association Awards.** The BSA recognizes annually the outstanding female and male Black students on the basis of academic achievements and contributions to the organization.

**The Bourgeois Medal** is awarded annually to the freshman, sophomore, or junior who has the highest quality index for the year. Such student must be a candidate for a degree, and must have taken a minimum of 30 semester hours of college work during the year in which the medal is awarded to him. No student can win this medal a second time.

**The C. Wright Mills Award in Sociology.** This award is given each year to the outstanding senior majoring in sociology.

**The Charles Betts Galloway Award** for the best sermon preached by a ministerial student of Millsaps College is presented on Commencement Sunday. This annual award, established by the Galloway family in honor of the late Bishop Galloway, is a medal.

**The Chi Chi Chi Award.** The local chapter of Chi Chi Chi, a chemistry honorary, each year gives an award to the outstanding graduating senior in chemistry.

**Chi Omega Award.** Chi Omega sorority, seeking to further the interest of women in the social sciences, presents an award of $25 to the girl having the highest average for the year in the field of history, political science, psychology, sociology, economics, or other courses in the social sciences.

**The Clark Essay Medal** is awarded annually to that student who presents the best and most original paper in an English elective course.

**Computer Science Award.** The Computing Center presents an award annually to the student who has the outstanding achievement in computer science.

**The Deutscher Verein Award** is made to a member of this organization for his or her outstanding contribution during the current school year.

**The Eta Sigma Phi Awards** are made to the students with the highest scholastic averages in Latin and Greek.

**The Freshman Mathematics Award** is made annually by the Department of Mathematics of Millsaps College to the most outstanding freshman in mathematics.

**The Founders' Medal** is awarded annually to the senior who has the highest quality index for the entire college course and has received a grade of Excellent on the comprehensive examination. Only students who have done at Millsaps College all the work required for the degree are eligible for this award.

**General Chemistry Award.** The Chemistry Department presents annually to the student with the highest scholastic average in general chemistry a handbook of chemistry and physics.

**The General Physics Award.** The Physics Department presents annually to the two students with the highest scholastic averages in general physics the "Handbook of Physics and Chemistry."

**The Henry and Katherine Bellamann Award** in the Creative Arts is a cash award and is intended to recognize the achievements of the student doing the most outstanding work in one of the creative arts—in writing, in composing, or in one of the graphic arts.

**The Lambda Chi Alpha Award** is given annually to that faculty member who has contributed most to understanding life and ideals set forth by the College.

**The Mathematics Major Award** is made annually to three majors. Each recipient is given a year's membership in the Mathematical Association of America.

**The Mississippi Society of Certified Public Accountants' Award,** a specially designed medal, is presented to the student majoring in accountancy who has shown superior achievement in accounting courses.

**The Pendergrass Medal** is awarded at Commencement to the outstanding senior student who plans to enter the pastoral ministry of the United Methodist Church and to enter seminary to prepare for this responsibility.

**The President John F. Kennedy Award.** The Political Science Department established the President John F. Kennedy Award to be given to the outstanding senior graduating in political science who has demonstrated qualities of excellence in academic career, personal integrity, and commitment to the highest ideals.

**Ross H. Moore History Award.** This award is given annually to the outstanding senior history major in recognition of Dr. Moore's distinguished service to Millsaps College for more than 50 years.

**Schiller Gesellschaft Prize.** The Schiller Gesellschaft offers an award annually to the graduating senior who is distinguished in the study of German.

**The Janet Lynne Sims Award** is a medal and $500 stipend presented annually to a full-time student majoring in pre-medicine who has completed four semesters of work. Selection is made on the basis of academic excellence. The award was established in 1977 in memory of Miss Sims by her parents, Mr. and Mrs. T. Stanley Sims, and her friends. Miss Sims would have been a member of the 1977-78 freshman class at Millsaps.

**Theta Nu Sigma** awards annually a certificate to the member of the graduating class who has done outstanding work in the natural sciences.

**The Wall Street Journal Award** is made annually by the Wall Street Journal of New York to the outstanding senior student majoring in the field of economics, accounting, and administration.

**The West Tatum Award** is made annually to the outstanding pre-medical student selected by the faculty.

# 4
# curriculum

# REQUIREMENTS FOR DEGREES

Millsaps College requires a total of 124 hours for the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration degrees and Bachelor of Science in Education, and 128 hours for the Bachelor of Music degree.

## 1. Requirements for All Degrees*

124 hours (128 hours for the Bachelor of Music degree) are required for graduation, these to consist of

a. 120 (124 for the B.M. degree) letter graded academic hours excluding activity courses** but including core requirements and major requirements. The only exception is that a maximum of 6 hours in the internship program may be graded on a credit/non-credit basis.

b. a minimum of 1 hour of a Physical Education activity course graded by either letter grade or on a credit/non-credit basis.

c. a minimum of 3 additional hours graded by either letter grade or on a credit/non-credit basis unless credit by examination applies. In this case, the maximum is 18 hours as explained on page 9.

(*Effective August 24, 1979)
(**An activity course is defined as an approved, faculty-supervised physical, intellectual, or cultural activity available to the student outside the regular classroom offerings. Such courses (currently offered in music, physical education and theatre) are designated by the symbol A before the course number.)

## 2. Core Requirements for All Degrees:

### MAN AND HIS CULTURE

Literature . . . . . 6 Hours
English 201-202 or World Literature 203-204

Fine Arts . . . . . 3 Hours
Art 101-102, 104-105, 210, 220, 230, 201-202, 320
Music 101-102, 111-112, 121-122, 215, 251-252
Theatre 103-104

Religion and/or Philosophy . . . . . 6 Hours
Any religion or philosophy course for which the student qualifies (3 hours of which must be in religion).

### MAN AND HIS WORLD

Laboratory Science . . . . . 6-8 Hours
Biology 101-102*, 111-112, 121-122
Chemistry 101-102*, 121-123, 122-124
Geology 101-102
Physics 111-112 or 131-132 in addition to 151-152
(*Courses not applicable towards a B.S. degree)

Mathematics . . . . . 6-8 Hours
A minimum requirement of:
Mathematics 103-104 for the B.A. and B.M. degree only
Mathematics 105-106 for the B.S. Ed. degree only
Mathematics 107-108 or 115-116 for any degree (except the B.S. Ed.)
Note: Certain majors require a specific sequence. See departmental requirements.

### MAN AND HIS SOCIETY

Historical Man (Person) ..... 6 Hours
History 101-102, World History, Ancient History

Economics, Political Science, Psychology and Sociology ..... 6 Hours
Any course in the disciplines of anthropology, economics, political science, psychology and sociology for which the student qualifies (excludes Economics 201, 303, and 361 for administration majors and Economics 201 for accounting majors).

Physical Education ..... 1 Hour

### ENGLISH COMPOSITION

All freshmen are required to take one of the three programs in English composition, i.e., English 101-102, 103-104, or 105, except those who have made scores of 5 or 4 on the Advanced Placement Examination of the CEEB ..... 3-6 Hours
All B.S. Ed candidates are required to take English 101-102.

### HERITAGE PROGRAM

Heritage, an interdisciplinary program designed for freshmen, fulfills the following requirements:

| | |
|---|---|
| Literature | (6 Hours) |
| Fine Arts | (3 Hours) |
| Religion | (3 Hours) |
| Philosophy | (3 Hours) |
| History | (6 Hours) |

**3. Additional Requirements for Bachelor of Arts and Bachelor of Music Degrees:**

Proficiency at the intermediate level (202) of a foreign language ..... 6-12 Hours
Philosophy ..... 3 Hours

**4. Additional Requirements for the Bachelor of Science Degree:**

Two additional one-year courses in the natural sciences to be chosen from: #

Biology 111-112, 121, 122 ..... 8 Hours
Chemistry 121-123, 122-124 ..... 8 Hours
Geology 101-102 ..... 6 Hours
Mathematics 223-224, 225-226 ..... 6-10 Hours
Physics 111-112 or 131-132 in addition to 151-152 ..... 8 Hours
(#The distribution of the total science requirement for the B.S. degree must include courses in three disciplines from the above list.)

**5. Additional Requirements for the Bachelor of Business Administration Degree:**

**BBA Core**

Accounting 281-282 ..... 6 Hours
Administration 220 or 221, 275, 321, 333, 334, 362 and 399 ..... 21 Hours
Economics 201-202 ..... 6 Hours
Computer 100 and Accounting 272 or Administration 336 ..... 4 Hours

Philosophy 311, Ethics, is highly recommended for students pursuing the BBA.

At least 51 hours must be earned in courses offered by the School of Management and at least 51 hours must be earned outside the School of Management.

A grade of C or better is required in each of the BBA core courses.

The BBA is required for Accounting and Administration majors.

Coursework at the 300-level or above may be taken only by students who have completed at least 60 semester hours.

### 6. Additional Requirements for the Bachelor of Science in Education Degree:

English 397 . . . . . 3 Hours
Physical Education 332 . . . . . 3 Hours
Speech . . . . . 3 Hours
Biology or Physical Science (so that when combined with other requirements both areas are covered) . . . . . 3 Hours
Specialized and Professional Education (Detail on page 40) . . . . . 69 Hours

### 7. Residence Requirements:

To qualify for graduation from Millsaps, 30 of the last 36 hours of academic work must be done in residence as a degree-seeking student . The two exceptions allowed to this rule are: (1) students who have been approved for the prescribed pre-medical technologist program may take the last 26 hours at the affiliated institution and (2) students leaving to enter graduate or professional school may transfer back the final 26 hours of work. In this latter case, however, residence will be required at Millsaps for the second semester of the junior year and the first semester of the senior year.

### 8. English Proficiency Requirement:

Before receiving a bachelor's degree each student is required to demonstrate proficiency in English composition and usage by passing an examination given by the English Department. It consists of a 500-word essay written extempore within two and one-half hours on a subject selected from a list furnished at the examination. Students who made grades of A or B on English 101-102, 103-104, or 105 at Millsaps are exempted from this examination.

The examination is given by the English Department twice in the academic year. The regular administration is on the second Thursday in November from 4 to 6:30 p.m. A special administration of the examination is given on the second Thursday in March from 4 to 6:30 p.m. to seniors who hope to graduate but who have not passed the Junior English Proficiency Examination. Seniors who fail the special examination and who think they have compelling cause may petition the Dean of the College for an extraordinary administration of the examination in the summer session following. If the Dean grants the petition, he may also stipulate that the student must audit English 101-102 during the summer session.

All rising juniors, transfer students at the junior and senior levels, and seniors who failed the examination in their junior year must be present for the November administration of the proficiency examination.

Each student who fails the examination in November is assigned to a member of the English Department for remedial instruction.

### 9. Majors:

In addition to taking the prescribed work for the degree, the student must major in one of the following areas: Accounting, Administration, Art, Biology, Chemistry, Church Music, Economics, Education, English, French, Geology, German, History, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish and Theatre.

Specific requirements for the major can be found under the appropriate department of instruction. Students may be permitted to major in a subject only after careful consideration and with the consent of the chairman of the department.

A major for each student must be approved by one of the department chairmen not later than the beginning of the junior year. The student must complete the proper forms in the Office of Records.

No junior or senior registration will be accepted as complete by the Office of Records without the signed approval of the major professor.

A student may have more than one major by completing the requirements in the departments involved.

## 10. Comprehensive Examinations:

Before receiving a bachelor's degree the student must pass a satisfactory comprehensive examination in the major field of study. This examination is given in the senior year and is intended to cover subject matter greater in scope than a single course or series of courses. The purpose of the comprehensive examination is to coordinate the class work with independent reading and thinking in such a way as to relate the knowledge acquired and give the student a general understanding of the field which could not be acquired from individual courses.

The comprehensive examination requires at least three hours and is part written and part oral, the division of time between the two to be at the discretion of the members of the department concerned. The oral examination will be conducted by a committee composed of members of the department, and, if desired by the department, one or more members of the faculty from other departments or other qualified persons.

A student may take the comprehensive exmaination only if the courses in which (s)he has credit and in which (s)he is currently enrolled are those which fulfill the requirements in the major department. (S)he may take the examination in the spring semester if (s)he will be within 18 hours of graduation by the end of that semester. The examination will be given in December or January for students who meet the other requirements and who will not be in residence at Millsaps during the spring semester.

The time of the comprehensive examination given in the spring semester is about mid-April of each year. Comprehensive examinations will not be given during the summer except by permission of the Dean. Those who fail a comprehensive examination may have an opportunity to take another examination after the lapse of two months. Additional examinations may be taken at the discretion of the chairman of the student's major department with the consent of the Dean of the College.

## 11. Quality Index Required:

A minimum of 240 quality points is required for the B.A., B.S., B.B.A., and B.S. Ed degrees: 248 for the B.M. degree. An over-all quality point index of 2.00 is required of all students. Transfer students must have at least a quality point index of 2.00 on their Millsaps work. The index is always calculated on total number of academic hours attempted; however, an exception to the rule of hours attempted is allowed in instances where courses are repeated at Millsaps. (See page 51).

## 12. Application for a Degree:

Each student who is a candidate for a degree is required to submit a written application for the degree by November 1 of the academic year of graduation. This date will apply also to students who plan to complete their work in the summer session. Forms for degree applications are to be secured and filed in the Office of Records.

## 13. Requirements for a Second Degree:

In order to earn a second degree from Millsaps College a student must have thirty additional semester hours of work beyond the semester hours required for the first degree and these additional hours must include all of the requirements for both the second degree and the second major.

### 14. Required Sequence of Courses for All Regular Students:

Freshmen students shall enroll in the appropriate course in English composition (unless exempt by examination) and in at least one other prescribed course as listed in the Core Curriculum or The Additional Degree Requirements.

Sophomore students shall enroll in at least two prescribed courses as listed in the Core Curriculum or The Additional Degree Requirements.

Enrollment in the required language courses will begin not later than the first semester of the junior year. It is recommended that language be started in the freshman or sophomore year. Those freshmen who, by virtue of previous study, plan to satisfy the language requirement taking courses at the intermediate level only, are strongly advised to begin such courses in the freshman year while their experience in the language chosen is recent.

## PRE-MEDICAL AND PRE-DENTAL

It is the responsibility of the pre-medical and pre-dental students to consult the catalogs of the schools to which they wish to apply for their specific requirements. The following courses are required by many medical and dental schools.

Biology 121-122..... 8 hrs.
Chemistry 121-123, 122-124... 8 hrs.
Chemistry 231-233, 232-234... 10 hrs.
English 101-102..... 6 hrs.
Mathematics 115-116.....8 hrs.
Physics 111-112 or 131-132 in addition to 151-152.....8 hrs.

The student is urged to consult with a member of the Pre-medical Advisory Committee (Berry, Beardsley, Nevins, Kahn, Venator) in designing a program that will fit particular needs, background, and interest.

Millsaps College and many medical and dental schools strongly recommend that the student obtain a baccalaureate degree in an area of interest. This catalog should be consulted elsewhere for the exact major and degree requirements. Millsaps and most medical and dental schools also strongly recommend that the student develop a sound background in the humanities and social sciences.

Some medical and dental schools will not accept credit in laboratory science courses obtained by CLEP or advanced placement tests. If the student plans to obtain such credit, he should first consult the medical or dental schools in which he has an interest to be certain that the school will accept such credit.

The student should remember that the requirements listed in a medical or dental school catalog are minimal but that (s)he should obtain maximum preparation. In general, the student who is weak in some science, as shown by performance in introductory college courses, is urged to take further work in that science to prepare adequately. The student should also utilize limited time in taking courses that will not be available during professional training. The following courses are recommended as electives by many medical and dental schools.

Biology (251, 301, 381, 383, 391 or 315)
Chemistry (251-253, 264-266 or 363-365, 364-366)
English (201-202 or 203-204)
Economics and Business Administration
Foreign Language (reading knowledge)
History (101-102)
Mathematics (223-224 or 225-226)
Philosophy
Physics (301, 306, 311, 315, or 316)
Psychology
Sociology

The Heritage Program (see page 35). This program gives the student a more flexible schedule and time to take additional courses of interest and need.

## PREPARATION FOR MINISTRY

**A Program for students planning for or interested in exploring a form of professional Christian ministry**

Millsaps College has enjoyed a tradition of close involvement with students from all denominations and faiths—particularly from The United Methodist Church—whose vocational goal or interest was a form of professional Christian ministry. The Preparation for Ministry Program is designed to offer a wide variety of experiences for persons who have decided on or would like to explore some form of Christian ministry as a personal vocation. The specific purposes of the program are as follows:

a. To encourage personal growth in relation to self and other persons.
b. To explore meanings and forms of ministry and to encourage openness to the many ways that the Christian Gospel speaks to human beings and their worlds.
c. To keep students closely in touch with the resources and personnel of their denomination or faith, and to serve as a liaison with key administrative persons of these bodies.
d. To support students who wish to explore some form of professional ministry as a possibility for themselves.
e. To assist students in developing a vision for their own ministry.
f. To involve students in various types of competency training relevant to professional ministry
g. To provide a supportive, encouraging community for students planning for or interested in professional ministry.

The Preparation for Ministry Program provides a basic link between the college and the conference/diocese/presbytery or other structure to which a student is responsible. In the case of United Methodists, the Program is a supplement to the Candidacy Program. This Program is also a clearinghouse for student employment in various capacities in congregations or church agencies. Participation by United Methodist students is obligatory for receiving the ministerial grant.

The following is the format for the program on a four-year basis:

First Year: Exploration of personal motivations for professional ministry through a variety of personal interviews, group sessions and programs; building relationships with other participants; exploring meanings and forms of ministry through interviews, programs and field trips.

Second Year: Personal growth experiences through two weekend personal growth seminars (one each semester) focused on self-development, assessment of style of working with people and interpersonal relations, with continuing emphasis on the development of one's personal vision of ministry, and with optional personal growth experiences growing out of these seminars; experiences designed to expose students to working situations (church school classes, youth ministry programs, etc.); training in knowledge and skills for particular tasks, with options according to previous experiences and interests, in areas such as education, music, youth ministry, group dynamics, planning process, and other areas to be designated as the need arises.

Third Year: Internships to be developed in consultation with the student in order to fit his or her interest. (Internships will carry academic credit in the Department of Religion and will include carefui goal-setting, supervision and reflection); consultations as preparation for seminary choice and enrollment.

Fourth Year: Further skill training; seminar based on personal growth, need assessment and goal setting.

Special arrangements will be made for persons who transfer in after the first or second years of their college work and for persons with special circumstances.

The coordinator for the Preparation of Ministry Program will be the Chaplain to the College, assisted by the Department of Religion and two pre-seminary students. These persons will work with an advisory committee which will include the Deans of Students, the Academic Dean, the Director of Church Relations, representatives of the Supervising Pastors of the two United Methodist conferences in Mississippi, representatives of denominations or faiths other than United Methodist, chairpersons of the Boards of Ordained Ministry and other students who are interested in or planning for some form of professional Christian ministry. All incoming students who will receive the ministerial grant or who would like to explore Christian ministry as a personal vocation may secure a flyer and enroll in the Program in the Department of Religion or the Office of the Chaplain.

## PRE-LAW

No particular major or sequence of courses is necessary for students planning to go to law school; there is no ideal pre-law program for all students. To do well in the study of law, a student should possess

(a) ability to communicate effectively and precisely;
(b) critical understanding of the human institutions with which the law deals;
(c) creative power in thinking.

Different students may obtain the desired training in these three areas from different courses. Therefore, students should consult with their faculty or major advisers and with the pre-law adviser in designing a program of courses that will best fit particular needs, background, and interests. The student with a pre-law interest should consult the pre-law adviser, Mr. Adams, from time to time.

## PRE-SOCIAL WORK

Students who wish to prepare for a professional career in social work should plan a broad liberal arts program with a major in one of the social sciences. Introductory courses in Sociology, Psychology and Social Work are essential. Other courses which are strongly recommended include Social Problems, Theories of Personality and Social Psychology. Internships can provide valuable practical experience with community social welfare agencies. Students are urged to consult with their faculty advisers to plan a schedule.

## EDUCATIONAL CERTIFICATION PROGRAMS

### TEACHER EDUCATION

Millsaps offers an elementary education major with certification in kindergarten through the eighth grade. The student may receive a major in physical education with certification in kindergarten through the twelfth grade. The student seeking secondary certification must take specific education courses, courses in the area of expertise and additional courses in the core requirement.

It is the responsibility of the student at both the elementary and secondary levels to coordinate courses for certification with requirements for graduation from Millsaps.

At all levels students have an opportunity to do laboratory work in both the public and private schools.

In addition to the courses required for degrees by Millsaps College on pages , the courses listed below are specific courses required to qualify for the Class A Elementary Certificate and the Class A Secondary Certificate.

### ELEMENTARY EDUCATION PROGRAM

The requirements for certification are listed on page 66 and include all Elementary Education courses listed on pages 66 and 67.

## SECONDARY EDUCATION PROGRAM

All students receiving certification in Secondary Education must complete all existing Millsaps requirements for either the B.A. or the B.S. degree. In addition the following courses must be completed.

**General Education (21 hours):** **Sem. Hrs.**

Science (in area, physical or biological, not taken in core requirements) . . . . . 3
English 101 and 397 (Composition and Grammar) . . . . . 6
Education 301 and 221 (Career Education and Survey of the Exceptional Child) . . . . . 6
Health 332 (Consumer Health) . . . . . 3
Speech (any Speech class) . . . . . 3
Total . . . . . 21

**Professional Education (21 hours):**

Education 215 (Reading in the H.S.) . . . . . 3
Education 352 (Educational Psychology) . . . . . 3
Education 207 (Adolescent Psychology) . . . . . 3
Education 372 (Principles of High School Teaching) . . . . . 3
Education 362 (Secondary Methods) . . . . . 3
Education 452 (Directed Teaching in Field) . . . . . 6
Total . . . . . 21

**Specialized and Professional Education in Grades 7-12 . . . . . Sem Hrs.**

**Bible:** (Survey of Old Testament, Survey of New Testament, Comparative Religion) . . 24

**English**

English 301-302 (American Literature) . . . . . 3
English 201-202 (English Literature) . . . . . 3
English 365-366 (Shakespeare) . . . . . 3
English 397 (Advanced Grammar and Effective Writing) . . . . . 3
History of English Language (To be offered in the 1981-82 academic year) . . . . . 3
Survey of Contemporary Literature (To be offered in the 1981-82 academic year) . . . . 3
English Electives . . . . . 12
Foreign Language . . . . . 12
Total . . . . . 42

**Foreign Language**

No set course requirements—Maximum requirement for French, Spanish and German . . . . . 24

**Mathematics:**

Math 211 (Calculus with Analytic Geometry I) . . . . . 3
Math 223-224; Math 225-226 (Calculus II) . . . . . 3
Math 325-326 (Calculus III or Linear Algebra) . . . . . 3
Math 361 (Modern College Geometry) . . . . . 3
Math 335 (Applied Probability and Statistics) . . . . . 3
Three of the following for a total of 9 semester hours . . . . . 9
Math 325-326 (Calculus III or IV)
Computer 100, 110, 210, 271, 272 (Basic Computer Science)
Math 345 (Abstract Algebra)
Math 103-104 (Foundations of Math)
Math 391-392 (History of Math)
Math 391-392 (Number Theory)
Math 391-392 (Foundations of Analysis)
Total . . . . . 24

| Social Studies | Sem. Hrs. |
|---|---|
| History 101-102 or Heritage 101-102 (World or European History) | 6 |
| History 201-202 (American or U.S. History) | 6 |
| History 308 (Mississippi History) | 3 |
| Economics 201, 202, 303, or 304 (Economics) | 6 |
| Political Science 101-102 (Political Science) | 6 |
| Physical Geography 101, Historical Geography 102 (substitutes for Physical Geography S105 and Economic Geography S205) | 6 |
| Sociology 101 (Sociology) | 3 |
| Electives in Social Studies (Offered in the Departments of History, Economics, Political Science, Sociology and Geology) | 9 |
| Total | 45 |

**Science**

| | |
|---|---|
| Total semester hours required per endorsement | 32 |
| Biological Science | 32 |
| Chemistry | 32 |
| Earth Sciences | 32 |
| General Science (Chemistry 3 hours: Physics 3 hours) | 32 |
| Physics | 32 |

Second major area requires 32 hours of science, 16 of which must be in the area of specialization.

**Specialized and Professional Education in Grades K-12.**

| Art | Sem. Hrs. |
|---|---|
| Art for Children | 3 |
| Drawing | 6 |
| Painting | 6 |
| Art History | 6 |
| 3-D Art | 3 |
| Basic Design | 3 |
| Applied Design | 3 |
| Crafts | 3 |
| Total | 33 |

**Music**

General:

| | |
|---|---|
| Music 101-102, 201-202, 303-304 (Theory) | 12 |
| Music 251-252, 381-382 (Music History and/or Literature) | 6 |
| Music 362, 341 (Conducting) | 3 |
| Music Electives (Choose from 251-252, 381-382) | 3 |
| Education 323 (Music for Children) | 3 |
| Total | 27 |

Music Education Endorsement in Vocal or Keyboard:

Vocal:

| | |
|---|---|
| Voice (Music 111-112, 121-122, 211-212, 221-222, 311-312, 321-322, 411-412, 421-422) | 16 |
| Piano (Music 425-435, 331-332, 441-442) | 8 |
| Other Instruments (Music 342) | 2 |
| Total | 26 |

Keyboard:

Piano and/or Organ (Minimum of 4 semester hours in piano)
Music courses as listed above under voice . . . . . 16
Voice . . . . . 8
Other instruments (Music 342) . . . . . 2
Total . . . . . 26
Total Semester Hours Required . . . . . 53

## HEALTH AND PHYSICAL EDUCATION PROGRAM

| Specialized and Professional Education | Sem. Hrs. |
|---|---|
| Education 215 (Basic Reading) | 3 |
| Education 352 (Educational Psychology) | 3 |
| Education 207 (Human Growth and Development) | 3 |
| Physical Education 305 (Elementary Education) | |
| Physical Education 304 (Secondary Education) | |
| (Principles and Methods in Area of Endorsement) | 6 |
| Education 301 (Career Education) | 3 |
| Education 221 (Survey of the Exceptional Child) | 3 |
| Total | 21 |

**Health**

| | |
|---|---|
| HPE 332 Consumer Health (to include education of drugs, alcohol, tobacco, and junk foods) | 3 |
| Sociology 301 (Marriage—Family Living and Sex Education) | 3 |
| HPE 205 (First Aid) | 3 |
| Total | 9 |

**Physical Education**

| | |
|---|---|
| HPE 302 (Motor Development and Movement Education K-6) | 3 |
| HPE 210 (Rhythms K-12) | 3 |
| HPE 405 (Test and Measurements K-12) | 3 |
| HPE 305 (Physical Education for the Exceptional Child) | 3 |
| HPE 311 (Individual and Team Sports 7-12) | 3 |
| Biology 235 (Anatomy and Physiology 7-12) | 3 |
| Biology (Physiology of Exercise) | 3 |
| HPE (Electives) | 6 |
| Education (Internship—Student Teaching | 12 |
| Total | 39 |
| TOTAL HOURS | 69 |

# COOPERATIVE PROGRAMS

## ENGINEERING

This program at Millsaps offers many opportunities for the student interested in engineering.

**3-2 Engineering B.S. Program:** At present we have arrangements with five engineering schools—Auburn, Columbia University, Georgia Tech, Vanderbilt University and Washington University—by which a student may attend Millsaps for three years for a total of 93 hours or more and then continue work at any of the schools listed above, transferring back 31 hours or less for a B.S. degree from Millsaps and at the end of the fifth year receive the engineering degree from the engineering school.

**4-2 Master's Program in Engineering:** Columbia University also has a 4-2 program in which a student attends Millsaps for four years completing degree requirements and then spends two more years at Columbia to obtain a master's degree in engineering.

The Combined Plan Program offers degrees in Aerospace Science and Engineering, Civil Engineering, Computer Science, Electrical Engineering, Engineering Mechanics, Environmental Science and Engineering, Industrial and Management Engineering, Mechanical Engineering, Mining Engineering, Nuclear Engineering, Ocean Engineering, Applied Geophysics, Engineering Mathematics, Applied Physics, Flight Science, Materials Science, Operations Research, Plasma Physics, Solid State Science, Bioengineering, Chemical Engineering, Chemical Metallurgy, Metallurgical Engineering, Mineral Engineering, Engineering Biology and Applied Chemistry.

The Dual Degree Program at Auburn University offers bachelor of engineering degrees in Aerospace, Chemical, Civil, Electrical, Industrial, Materials and Mechanical Engineering. It is also possible to obtain a Bachelor of Science in Agricultural Engineering.

The Dual Degree Program of Georgia Institute of Technology offers degrees in Aerospace, Ceramic, Chemical, Civil, Electrical, Industrial, Mechanical, Nuclear, and Textile Engineering. In addition, degrees are offered in Economic Systems, Engineering Science, Textile Chemistry, Textiles, Applied Biology, Chemistry, Information and Computer Science, Applied Mathematics, Physics, Applied Psychology, Behavioral Management, Economics, General Management, Industrial Management, and Management Science.

Vanderbilt University offers bachelor of engineering degrees in Chemical, Civil, Electrical, and Mechanical Engineering.

## MEDICAL TECHNOLOGY

Millsaps College offers a three-year program for those who plan to enter schools of medical technology. This college work includes not only the necessary science and mathematics courses, but also courses in history, fine arts, sociology, composition, literature, and other subjects which insure a liberal arts experience for premedical technology students.

Millsaps College maintains a formal affiliation with several schools of medical technology which are approved by the Council on Medical Education and Hospitals of the American Medical Association. This is the only qualifying board recognized by the American Medical Association, the American Society of Clinical Pathologists, the American College of Surgeons, the American Hospital Association and other authoritative medical groups.

The medical technology student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology.

Students enrolled in affiliated schools of medical technology may transfer back the final 26 hours of work. The courses required for registry are accepted as completing the requirements of 124 semester hours for graduation. The B.S. degree is awarded at the first commencement exercise following the completion of the medical technology training.

Medical technology students are encouraged to secure the B.S. or B.A. degree before entering an approved school of medical technology.

## MEDICAL RECORD LIBRARIAN

Students may obtain baccalaureate degree training in the Medical Record Librarian Program at Millsaps College and at an approved institution. The correlated program of instruction covers each phase of medical record practice.

Millsaps College maintains affiliations with institutions with certificate training in medical record practice which are approved by the Council on Medical Education and Hospitals of the American Medical Association and the American Medical Record Association.

The medical record librarian student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology. The courses required for registry are accepted as completing the requirements of 124 semester hours for graduation. A satisfactory grade on the examination for registration by the American Medical Record Association as a registered medical record librarian (RRL) is accepted in lieu of the departmental oral comprehensive examination. The B.S. degree is awarded at the first commencement following the completion of the medical record librarian training and passing for the registry examination.

Medical record librarian students who wish to complete four years of college may secure the B.S. or B.A. degree before entering an approved school of medical record training.

## SPECIAL PROGRAMS

### The Honors Program

The Honors Program provides an opportunity for students of outstanding ability to pursue an advanced course of study which would ordinarily not be available. In the spring of their junior year honors students participate in an inter-disciplinary colloquium which intensively examines a topic of broad interest. In the senior year, students carry out a research project on a subject of their choice. This thesis is presented before a panel of faculty members at the end of the senior year. Students successfully completing all phases of the Honors Program receive the designation "with honors" in their major subject at graduation. Students interested in participating in the Honors Program should consult with their advisers in the fall of their junior year.

### The Oak Ridge Science Semester

Under this program, sponsored jointly by the Southern College University Union and by the Department of Energy, a Millsaps student may spend the spring semester of the junior or senior year studying and doing research at Oak Ridge National Laboratory, Oak Ridge, Tennessee. A full semester's academic credit is normally earned. The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are not affected by participation in the program.

### The Washington Semester

"The Washington Semester" is a joint arrangement between The American University, Washington, D.C., Millsaps College, and other colleges and universities in the United States to extend the resources of the national capital to superior students in the field of the social sciences. The object is to provide a direct contact with the work of governmental departments and other national and international agencies that are located in Washington, thus acquainting the students with possible careers in public service and imparting a knowledge of government in action.

Under this arrangement qualified students of demonstrated capacity from the participating colleges will spend a semester at the School of Government and Public Administration of The American University in Washington. They earn sixteen hours of credit toward graduation in their home colleges. Eight hours are earned in a Conference Seminar, in which high-ranking leaders of politics and government meet with students. Four hours are earned in a Research Course which entails the writing of a paper by utiliz-

ing the sources available only at the nation's capital. And four hours are earned in an Internship, in which the student is placed in a government or public interest organization office. In Washington the program is coordinated by faculty members of The American University.

Millsaps has a guaranteed quota of two students for each spring semester, although students may petition for entry in the fall. Second semester sophomores, juniors, or seniors are eligible.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not diminished by participation in the program.

### The United Nations Semester

A cooperative program with Drew University in Madison, New Jersey, enables Millsaps political science majors to spend a semester making a first-hand study of the work of the United Nations. Participants may earn fifteen hours of credit toward graduation. Three hours of credit are earned in a Conference Seminar, which meets two days of each week in the United Nations Plaza. Members of the Secretariat, delegates, and special agency representatives often lead discussions in a planned program of studies. Students also earn three hours of credit by engaging in an individual research project on some phase of the United Nations. The remaining hours of credit are electives taken from the regular course offerings of Drew's liberal arts college.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not diminished by participation in the program.

### The London Semester

Another cooperative program with Drew University gives upperclass political science majors the opportunity to study in London, England, for a semester. Fifteen hours of credit are earned in the social sciences, with primary emphasis on political science. The faculty, including a resident director from Drew, includes members of the faculty of the London School of Economics and Political Science, Oxford University, Leeds University, and other outstanding schools. Students live in a residential hotel in the heart of London. Provision is made for an optional pre-Fall or post-Spring tour of the continent at a modest cost.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not affected by participation in the program.

### Study Abroad Programs

Millsaps College maintains cooperative arrangements with the Junior Year Abroad program at the Institute for American Universities at Aix-en-Provence, in France, and with the British Studies at Oxford summer study program. Other study abroad programs are available in most countries of Western Europe as well as in Latin America. Students interested in receiving college credit for such study may receive information concerning these programs from the chairman of the appropriate department or from the Academic Dean.

### Legislative Intern Program

When the Mississippi Legislature is in session, selected political science students may participate in an internship program which permits them to observe the state law-making process. Students serve as aides to legislators and legislative committees, performing a variety of tasks such as research, writing, and marking up bills. Students also take part in a seminar with other interns to examine the legislative process. See Political Science 452.

## Public Administration Internship

With the cooperation of city, state and federal agencies, students who have had the introductory public administration course may be placed in middle management level positions.

## Cooperative Programs with Local Colleges

With the permission of the Associate Dean of the College and the chairman of the department involved, full-time students in Millsaps College may enroll for certain courses at either Belhaven College or Tougaloo College without additional fees. Belhaven College is located a few blocks east of the Millsaps campus. Tougaloo College is eight miles north, at the edge of Jackson.

These cooperative arrangements afford an opportunity for students to enroll in courses either not offered at Millsaps College or not scheduled during the appropriate semester or at an acceptable class hour.

## School Of Management Intern Programs

Students have the opportunity of obtaining specialized training and practical experience through an established Internship Program. The program involves prominent regional and national business organizations and an agency of the federal government. The student's training is conducted and supervised by competent management personnel according to a predetermined agenda of activities. Evaluation of the student's participation and progress provides the basis for granting appropriate academic credit. See offerings 451-452 in the School of Management.

## Small Business Institute

Students apply theory to practice by consulting small business management in the area. The program is sponsored by the Small Business Administration (SBA), an agency of the Federal Government. Students should register for Administration 490.

## Millsaps-Gulf Coast Research Laboratory Cooperative Program

Students at Millsaps College, especially those in the natural sciences, are permitted to enroll for one or more of the following courses at the Gulf Coast Research Laboratory as a part of their regular program of studies. The Laboratory is situated near Ocean Springs, 180 miles south of Jackson. Summer work at the laboratory provides first-hand knowledge of both marine and brackish water environments.

| | | |
|---|---|---|
| G141 | Introduction to Marine Zoology (ZO 141)* | (4) |
| G331 | Physical Marine Geology (GEO 331)* | (3) |
| G332 | Chemical Marine Geology (GEO 332)* | (3) |
| G341 | Marine Botany (BOT 341)* | (4) |
| G361A | Marine Invertebrate Zoology (ZO 361A)* | (6) |
| G361B | Marine Invertebrate Zoology II (ZO 361B)* | (6) |
| G362 | Marine Vertebrate Zoology and Ichthyology (ZO 362)* | (6) |
| G451 | Introduction to Physical & Chemical Oceanography (OCE 451)* | (5) |
| G452 | Marine Microbiology (MIC 452)* | (5) |
| G461 | Parasites of Marine Animals (ZO 461)* | (6) |
| G463 | Estuarine & Marsh Ecology (ZO 463)* | (6) |

*denotes Gulf Coast Research Laboratory course number.

For further information regarding these courses contact the GCRL coordinators on campus.

# THE GRADUATE PROGRAM

## Master of Business Administration

The evening Master of Business Administration (MBA) program has been established at Millsaps in response to requests from the business and non-profit communities in the Jackson area. Although designed primarily to meet the needs of part-time students, sufficient coursework is offered every semester to allow full-time graduate students some flexibility in planning a curriculum of study. A typical class includes men and women with a broad range of ages, and with backgrounds from engineering, the physical and social sciences, the arts and the humanities as well as from business. The following foundation courses may be taken at the undergraduate level: Acct. 281-282; Adm., 220, 275, 321, 333, 334, 362; Comp., 110 and Econ. 201-202.

# 5

# administration of the curriculum

# GRADES, HONORS, CLASS STANDING

The grade in any class is determined by the combined class standing and a written examination. The examination is approximately one-third of the grade for the semester.

"A" represents superior work.
"B" represents above the average achievement.
"C" represents an average level of achievement.
"D" represents a level of achievement in the regularly prescribed work of the class below the average in the same relationship as "B" is above the average.
"E" represents a condition and is changed to a "D" if the grade in the other semester of the course is "C" or above, providing that the "E" precedes the higher grade on the student's record.
"F" represents failure to do the regularly prescribed work of the class. All marks of "D" and above are passing marks and "F" represents failure.
"WP" indicates that the student has withdrawn from the course while passing, and "WF" means withdrawal while failing.
"I" indicates that the work is incomplete and is changed to "F" if the work is not completed by the end of the following semester.
"CR" represents passing work in a non-graded course taken for hourly credit (not computed in GPA).
"NC" represents no credit in a non-graded course taken for hourly credit (not computed in GPA).

## Quality Points

The completion of any academic course with a "D" shall entitle a student to one quality point for each semester hour; a grade of "C" for the semester shall entitle a student to two quality points for each semester hour; a grade of "B" for the semester shall entitle a student to three quality points for each semester hour, and a grade of "A" shall entitle a student to four quality points for each semester hour. A quality point index is determined by dividing the total number of quality points by the number of academic hours taken. The change from a 3.00 to a 4.00 quality point index was made in 1968.

## Class Standing

The following number of hours and quality points is required:

| | | |
|---|---|---|
| For sophomore rating | 24 hours; | 24 quality points |
| For junior rating | 52 hours; | 72 quality points |
| For senior rating | 90 hours; | 144 quality points |

A student's classification for the entire year is his/her status at the beginning of the fall semester.

## Student Status

Degree-seeking students taking 12 or more academic hours will be classified as full-time students. Students taking less than 12 academic hours may not represent the College in extracurricular activities.

Degree-seeking students taking fewer than 12 academic hours will be classified as part-time students.

A special student is a mature person of ability and seriousness of purpose who enrolls for limited academic work and does not plan to seek a degree. The category of "special student" is not intended to include recent high school graduates. Special students observe the same regulations concerning attendance, examination and proficiency as regular students.

## Credit/No Credit Grade Option

Some courses have been approved to be graded either by letter grade or by credit/no credit grading. The purpose of credit/no credit grading is to encourage students to take courses in areas they might not otherwise select. Credit/no credit grading requires full participation of the student in all class activities. Credit signifies work of passing quality or above. It will not carry quality points nor be included in the G.P.A. Students are reminded that (except for certain internship programs) courses graded by the credit/no credit option do not count toward fulfilling the 120 (124 for the B. M. degree) letter-graded hours requirement and cannot be used to fulfill core requirements or major requirements.

When grade option is available, it will be incumbent upon the student to make the choice at the time of registration. Any change in grading option must be made within the drop-add period. (Exception: Theatre activity may be added later with appropriate approval.)

## Repeat Courses

A student may enroll in a course at Millsaps which has previously been taken. The highest grade earned in that course will be used in determining the quality point average. However, all grades reported for the course remain a part of the permanent record. This policy applies only to courses originally taken at Millsaps during or after spring semester 1973 and to courses originally taken at other institutions during or after fall semester 1980.

## Graduation With Distinction

A student whose quality point index is 3.2 for the entire course shall be graduated Cum Laude; one whose quality point index is 3.6 and who has a rating of excellent on the comprehensive examination shall be graduated Magna Cum Laude; and one whose quality point index is 3.9 and who has a rating of excellent on the comprehensive examination shall be graduated Summa Cum Laude.

To be eligible for graduation Cum Laude, Magna Cum Laude or Summa Cum Laude, a student must have passed at least 60 academic semester hours in Millsaps College. Distinction or special distinction may be refused a student who, in the judgment of the faculty, has forfeited the right.

In determining eligibility for distinction or special distinction for students who have not done all their college work at Millsaps, the quality points earned on the basis of grades made at other institutions will be considered, but the student will be considered eligible only if (s)he has the required index both on the work done at Millsaps and on college courses as a whole.

## Graduation With Honors

A full-time student with junior standing who has an over-all quality point index of 3.0 may apply to the department chairman for permission to declare as a candidate for honors. Admission requires acceptance by the chairman and approval by the Honors Council. Entrance into the Honors Program becomes effective in the spring semester of the junior year.

## Honors Program

The Honors Program extends over three semesters. A student admitted will in the second semester of the junior year enroll with the honors adviser in a directed study entitled Honors I (Colloquium). Enrollment in Honors II and III (Research) will ordinarily follow in the fall and spring semesters of the senior year. A letter grade will be given for each of these courses. The three semesters of honors work are intended to culminate in an honors paper presented to the Honors Council and defended before an examining board.

The first semester in the Honors Program consists of an Honors Colloquium designed to bring together for intellectual exchange all students in the Honors Program. The aim of the Honors Colloquium is the total involvement of good minds in the exchange of ideas and values centering around selected themes and areas of investigation of mutual interest to all disciplines. The Honors Colloquium is required of all students in the Honors Program.

A candidate who completes the honors work satisfactorily, who presents and defends the honors paper satisfactorily, who has a 3.0 over-all quality point index, and who has a 3.33 index in honors work will be graduated with Honors. A candidate who has a 3.6 over-all quality point index, who has a 4.0 index in honors work and who has presented a superior honors paper will be graduated with High Honors.

A student may voluntarily withdraw the candidacy for honors at any time. Students enrolled in honors courses are, however, bound by the general college rules for dropping a course and for receiving course credit. Candidacy may be involuntarily terminated at any time upon the recommendation of the honors adviser and with the approval of the Honors Council.

### Dean's List

Those meeting these requirements are on the Dean's List:

1. Scholarship:
   (a) The student must carry not less than 12 academic hours during the semester on which the scholastic average is based.
   (b) The student must have a quality point average of 3.2 for that semester.
   (c) The student must have no mark lower than a C for that semester.
2. Conduct:
   The student must be, in the judgment of the Dean, a good citizen of the college community.

### Hours Permitted

Fifteen academic semester hours is considered the normal load per semester.

No student may take more than 17 semester hours of academic work unless s(he) has a quality index of 2.5 on the last semester. No student may take more than 19 semester hours unless (s)he has a quality point index of 3.00 on the last semester and obtains permission from the Dean. No student may receive credit for more than 21 hours in a semester under any circumstances. In order to be classified as a full-time student, one must take no fewer than 12 semester hours.

## ADMINISTRATIVE REGULATIONS

### Schedule Changes

A freshman may not enroll for more than eight hours of laboratory science courses in any one semester except upon the recommendation of the student's adviser.

No student can be registered for courses in another college while being enrolled at Millsaps without the written permission of the Dean of the College or the Associate Dean of the College.

A student cannot change classes, drop classes or take up new classes except by the consent of the faculty adviser. Courses dropped within the first two weeks of a semester do not appear on the student's record. Courses dropped after the first two weeks and no later than one week after the reporting date for mid-semester grades are recorded as WP (withdrawn passing) or WF (withdrawn failing). Courses dropped after this time are recorded as F. If a student drops a course without securing the required approvals, (s)he receives an F.

## Withdrawal

A student desiring to withdraw within any term must obtain permission from the Dean or Associate Dean of the College and file a withdrawal card. No refund will be considered unless this written notice is procured and presented to the Business Office.

Refunds will be made only as outlined under "Financial Regulations."

A student who withdraws with permission after the first two weeks of a semester is recorded as WP (withdrawn passing) or WF (withdrawn failing) in each course. A student who withdraws without permission receives a grade of F in each course.

Enforced withdrawal may result from habitual delinquency in class, or any other circumstance which prevents the student from fulfilling the purpose for which (s)he should have come to college.

The college reserves the right to cancel the registration of any student. In such a case, the pro rata portion of tuition will be returned, except that students withdrawing under discipline forfeit the right to a refund.

No student who withdraws is entitled to a grade report or to a transcript of credits until (s)he has settled accounts in the Business Office.

## Academic Suspension

To remain in college a freshman must pass in the first semester six hours of academic work. After the first half-year a student must pass at least nine hours of academic work each semester to continue in college. Furthermore, the maximum number of semesters a student may be on academic probation without suspension is two.

Students who are requested not to re-enter because of academic failure may petition in writing for re-admission, but such petition will not be granted unless convincing evidence is presented that the failure was due to unusual causes of a non-recurring nature and that the student will maintain a satisfactory record during the subsequent semester. However, such a student may attend the summer session at Millsaps without a petition.

## Probation

**Academic Probation:**

Students who pass enough work to remain, but make in any semester a quality index of less than 1.5 will be placed on probation. Restricted attendance privileges apply for all courses in which students are enrolled.

Students may be removed from probation by making a 2.00 quality index during a regular semester or during a summer session at Millsaps College in which the student is enrolled for at least twelve academic hours credit. A student is asked not to re-enroll at Millsaps College if (s)he is on academic probation more than two semesters.

**Disciplinary Probation:**

Students guilty of serious infractions of College regulations may be placed on disciplinary probation at the discretion or the appropriate dean or faculty committee. Restricted attendance privileges may apply for such a student in all courses in which (s)he is enrolled.

## Class Attendance

Irregular attendance indicates that the student may be having difficulties adjusting to the course or to college. The primary responsibility for counseling students with respect to their absence rests with the faculty member; but, in the following circumstances, the faculty member is expected to report in writing the student's unsatisfactory attendance record to the Office of Records.

1. For a Freshman—whenever the total absences are equal to twice the number of class meetings per week.
2. For any student—
   a. When (s)he has been absent three successive class meetings for reasons unknown to the instructor.
   b. Whenever a student's absence is such that (s)he is in danger of failing the course.

This reporting of absences is for counseling purposes only, and has no effect on the student's grade.

Individual faculty members decide the manner and extent to which absences alone will affect a student's grade. Each faculty member is expected to outline the policy in writing to each class at the beginning of each semester. This may extend to dismissal from the course with a grade of "F" for reasons solely of absence.

Absences are excusable only by the individual faculty member, but an excused absence does not excuse the student from being responsible for the course work. Explanation for a student's absence provided by a parent, medical doctor, or a member of the faculty or administration may be helpful to the faculty member, but such explanations are not in themselves excuses. This is particularly important in the case of absences involving missed examinations, late assignments, laboratory sessions and similar scheduled commitments. Faculty members, however, may not excuse students from attendance on the two days preceding and the two days following vacation periods without the express permission of the Dean.

Each student is responsible for knowing general attendance policy of the College and the particular policies operative in each class. Further details relating to attendance are in the student handbook.

### Exemptions

Students may elect to be exempt from final examinations in the semester in which they complete their comprehensive examinations, but only in those courses in which they have a "C" average or better. It shall be understood, however, that this exemption does not insure the student a final grade of C, since daily grades during the last two weeks shall count in the final average. Under no circumstances may a student be exempt from any examination in more than one term or semester.

Students may be exempt from final examinations only in the semester in which they complete their comprehensive, scholastic requirements being met.

Seniors may be allowed one special examination in any subject taken and failed in the senior year. Permission for such examination must be secured from the Dean or Associate Dean of the College.

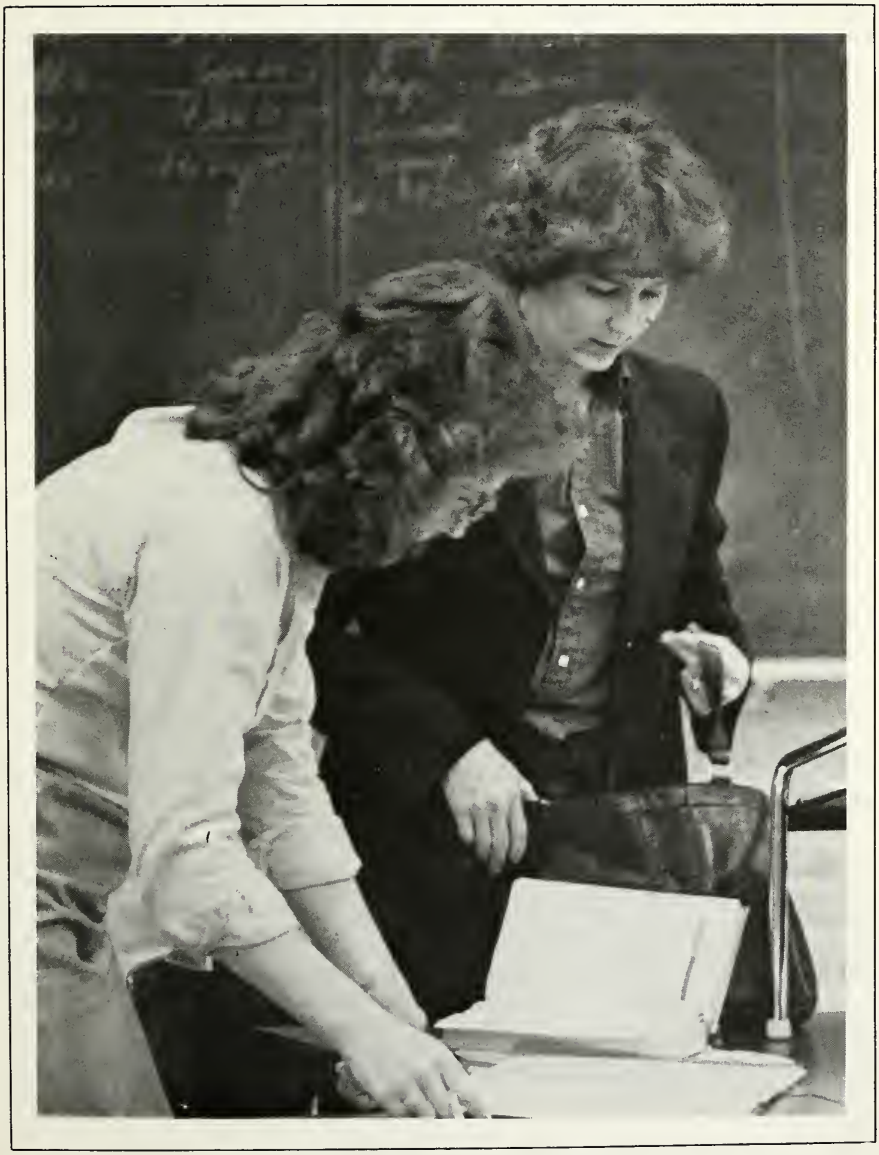
Students may request exemption from other requirements by petition to the Dean of the College.

### Student Behavior

Millsaps students are expected to act with honesty and integrity in personal, social, and academic relationships, and with consideration and concern for the community, its members, and its property. The Board of Trustees and the administration affirm the right of the individual to the privacy of his room. The use of intoxicating beverages is not a part of, nor does it contribute to, the total educational emphasis of Millsaps College. The use, possession, or distribution of intoxicants, narcotics, or dangerous drugs, such as marijuana and LSD, except as expressly allowed by law, is not permitted. The Board of Trustees does not approve of the use of alcoholic beverages on the Millsaps campus and does not permit the use of any alcoholic beverages in any public area of the campus. For the purpose of the statement, a public place is defined as any part of the campus which is not within the confines of the student's room. Gambling is not permitted on campus.

A more comprehensive statement is contained in the student handbook. Specific regulations pertaining to academics, residence halls and other facets of campus life are available through the Student Affairs Office.

# 6
# departments of instruction



Courses 101-198 Primarily for freshmen.
Courses 201-298 Primarily for sophomores.
Courses 301-398 Primarily for juniors and seniors. (advanced, or upper-division courses)
Courses 401-498 Special departmental courses.

Courses represented by odd numbers are normally taught during the fall semester; even-numbered courses, during the spring semester.

"G" Indicates courses offered at the Gulf Coast Research Laboratory.
"S" Indicates courses offered in summer only.

### Non-Departmental Courses

**Heritage 101-102. The Cultural Heritage of the West (7-7).** An essentially chronological portrayal of the heritage of Western man viewed from the perspectives provided by literature, history, religion, philosophy, the arts, and other disciplines. The course will be made up of a balance of lectures, discussion and laboratory sessions, and occasional field trips. Designed for entering freshmen, but open to some sophomores. Limited enrollment. Co-requisite for entering freshmen: English 103-104.

**Natural Science G480. Gulf Coast Summer Research in Marine Science.** Supervised study in shallow marine environments for advanced science majors. Directed by one of the Millsaps science faculty assisted by the staff of Gulf Coast Research Laboratory, Ocean Springs, Miss. Group and individual investigations in zoology, biochemistry, botany, geology, geochemistry, physics, physical oceanography, and chemical oceanography. Room and board at the Laboratory. 3-12 hours credit. Prerequisites: 20 hours in the student's major and 12 semester hours in the supporting sciences or mathematics.

**Offered each summer at Gulf Coast Research Laboratory.**

**Library 405 (1 to 3 hours) Independent Study.** A course designed for the student wishing to explore independently a subject of inter-departmental interest, a subject requiring extensive reading or research, or a subject area not directly related to an existing department. The student must present a written proposal stating objectives for the approval of the head librarian and the major professor. Working closely with a library faculty member, and when necessary with the advice of a subject specialist, the student reads broadly in the subject, concluding with a bibliography and report.

## ART

Assistant Professors: RUFUS TURNER, M.F.A., Chairman
LUCY WEBB MILLSAPS, M.A.

**Requirements for Major:** Majors in art must complete the requirements for the Bachelor of Arts Degree. In the B.A. core Esthetics, (Philosophy 321) is required by all art majors. There is a required core of art courses that all art majors must take: Design 101 & 102, Drawing 104, 105 & 206; Painting 210; Ceramics 220; Printmaking 230; and Art History 201, 202 & 303. In addition to the 33 hour core, 9 hours of advanced art courses must be taken of which 6 hours is the senior project. The senior project and participation in a senior exhibition are requirements for graduation.

**101-102. Design (3-3).** Basic two-dimensional design principles and color theory with problems in composition.

**103. Three-dimension Design (3).** Three-dimensional design with an introduction to sculptural techniques. *Prerequisite: 101 & 102.

**104-105. Drawing (3-3).** Introduction to drawing using lines and tone to model still life objects, the figure and the landscape.

**206. Drawing (3).** Advanced problems in drawing the figure employing varied and mixed media. *Prerequisite: 103 & 104.

**210-211. Painting (3-3).** Oil and acrylic painting. The materials and properties of painting, methods of presentation and composition. Prerequisite: permission of instructor.

**312. Painting (3).** Advanced problems in painting using watercolor, gouache, and tempera. *Prerequisite 210 & 211.

**220-221. Ceramics (3-3).** Pottery making. First semester hand building and glazing, second semester wheel production.

**322. Ceramics (3).** Advanced problems into production, glazing, and problems in kiln building.

**230-231. Printmaking (3-3).** Relief and intaglio printing with emphasis on woodcut. *Prerequisite: permission of instructor.

**332. Printmaking (3).** Emphasis on individual problems in printmaking employing the intaglio process. *Prerequisite: 230 & 231.

**201-202. Art History (3-3).** An illustrated lecture course surveying the visual and plastic arts from pre-historic to contemporary times.

**303. Art History (3).** Three hours of art history in a specialized area such as American art, 20th Century art, or Renaissance art. (Dependent upon background of the instructor and available slides in our collection, and the resources for increasing the slide collection.) Prerequisite: 201, 202.

**305. Lettering (3).** Experience in constructing and organizing the basic letter forms.

**310-311. Commercial Design (3-3).** Commercial design, illustration and layout relating to advertising and publications. *Prerequisite: 101, 102, 104, 105 and 210.

**320. Creative Photography (3).** Experimental photography with both commercial and artistic application.

**330. Silkscreen Printmaking (3).** A basic silkscreen printmaking with both commercial and artistic applications. Prerequisites: 101, 102, 104, 105 & 230.

**401. Museumship (3).** A course offered in cooperation with the Mississippi Art Association and the Municipal Art Gallery in which students develop knowledge of the working of a gallery. Prerequisite to be worked out.

**405-406. Independent Study (1-3—1-3).** Open only to approved students.

**410. Commercial Art Internship (3).** A course in which the student would work for a local firm under the supervision of the Art Department. Prerequisite: 310 & 311.

***Prerequisites to some classes may be waived but permission from instructor will be required.**

**420-421. Senior Project (3-3).** A course in which the senior produces a body of quality works to be evaluated for his or her graduation. This would also be the main source of work for the senior exhibition.

# BIOLOGY

| | |
|---|---|
| Professors: | JAMES P. McKEOWN, Ph.D., Chairman |
| Associate Professor: | ROBERT B. NEVINS, M.S. |
| Assistant Professors: | DAVID C. HEINS, Ph.D. |
| | MICKE J. SMITH, Ph.D. |

**Requirements for Major:** A student must have a 2.50 average in biology and maintain this grade for the full course. All majors take Biology 111-112, 121-122, 315, 491, 492; one of 323, 333, 343 or 369; either 345 or 351; and one of 370, 372, 382, 383, or 391. Candidates for the B.S. must also take Chemistry 231-232 and one year of Physics. Candidates for the B.A. are required to take two approved electives in the natural sciences.

**101-102. Fundamentals of Biology (3-3).** Principles and theories of the life sciences including maintenance, reproduction, evolution, diversity, ecology, and biogeography; for non-science majors. Two discussion periods and one 2-hour laboratory period a week.

**111-112. Botany (4-4).** First semester, structure and function of seed plants; second semester, evolutionary survey of plant kingdom with emphasis on lower plants. Two discussion periods and two 2-hour laboratory periods a week.

**121-122. Zoology (4-4).** Invertebrate and vertebrate taxonomy, morphology, physiology and natural history. Two discussion periods and two 2-hour laboratory periods a week.

**S211. Comparative Anatomy (4).** Structures of the organs and organ systems of the chordates, emphasizing the dissection of Amphioxus, lamprey, shark, salamander and cat. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

**S221. Embryology (4).** Fertilization, morphogenesis and differentiation of organ systems of vertebrates. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

**235. Human Anatomy and Physiology (4).** Structures and function of the human body. Two discussion periods and two 2-hour laboratory periods a week; open to non-science majors. Prerequisite: 6 hours of biology.

**251. Comparative Vertebrate Morphology (5).** An integrated course in vertebrate anatomy and embryology. Reproduction and organ system differentiation and a comparative study of the gross anatomy of the vertebrate systems. Three discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

**S261. Field Botany (3).** Survey of local flora emphasizing plant systematics and ecology. Two discussion periods and one 2-hour laboratory period a week. Prerequisite: 6 hours of biology.

**298. Aquatic Biology (4).** Structure and function of standing-water (lentic) and running-water (lotic) ecosystems. Emphasis on natural ecosystems as well as applied aspects of pollution biology and identification of aquatic organisms. Two discussion periods and one 2-hour laboratory period a week. Prerequisite: Biology 121-122 or permission of instructor.

**301. Histology (4).** Microscopic anatomy of the different vertebrate systems, with an emphasis on basic tissue types. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

**315. Genetics (4).** Mendelian genetics; the nature, transmission, and mode of action of the genetic material; the role of genetics in development and evolution. Three discussion periods and one 3-hour laboratory period a week. Prerequisite: Biology 111-112; 121-122.

**323. Plant Taxonomy (4).** Principles of classification and evolution; collection and identification of local flora. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 111-112.

**333. Vertebrate Taxonomy (4).** Identification, life history, ecology and evolutionary histories of the vertebrates. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

**340-341. Field Biology (2 to 3—2 to 3).** Environmental study trips throughout the United States. Emphasis on ecology and community composition. Two to three weeks away from campus on intensive field studies. Designed for science and non-science majors. Open by application only; limited enrollment. Prerequisite: permission of instructor.

**343. General Entomology (4).** Identification, life history, ecology, and evolutionary histories of the class Insecta. Prerequisite: Biology 121-122.

**345. Ecology (4).** Interrelationships between organisms and their physical environment; population dynamics and interactions, organization of biotic communities; energy flow, succession, community types. Two discussion periods and one 4-hour laboratory a week. Prerequisite: Biology 111-112; 121-122.

**S351-S352. Field Biology (5-5).** Summer environmental study trips to United States, Canada, and Mexico. Five-week program with approximately three weeks away from campus on intensive field studies. Open by application only; limited enrollment. Prerequisite: 8 hours of biology or permission of instructor.

**369. Population Biology (4).** Biological phenomena at the population level. Emphasis on modern topics including population genetics, population dynamics, speciation, social behavior, principles of systematics. Two discussion periods and one 4-hour laboratory period a week. Prerequisite: Biology 111-112 or 121-122. Corequisite: Biology 315.

**370. Comparative Animal Physiology (4).** Comparison of animal groups (from protozoa to chordates) as to maintenance of life functions (e.g., energy metabolism, osmoregulation, irritability, movement and coordination) in different environments (aquatic, terrestrial and aerial). Three discussion periods and one 3-hour laboratory period. Prerequisite: Biology 121-122.

**372. Plant Physiology (4).** Plant soil and water relations, metabolism, and growth regulation. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 111-112; Chemistry 232-234.

**381. General Bacteriology (4).** Historical survey; bacterial structure, metabolism and taxonomy; role of bacteria in disease, industry and ecology; common bacteriological techniques. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 111-112; Chemistry 232-234.

**382. Advanced General Bacteriology (4).** Physiology and biochemical principles associated with studies of micro-organisms. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 381.

**383. Immunology and Virology (4).** The physiology, biochemistry and genetics of the immune response; viral structure, function and relationship to host. Three discussion periods and one 2-hour laboratory. Prerequisite: Biology 381.

**391. Cellular Physiology (4).** Study of the constituents, properties, and activities of protoplasm. Three discussion periods and one 3-hour laboratory period a week. Corequisite: Chemistry 232-234.

**401-402. Reading and Conference in Biology (1 to 3—1 to 3).** Prerequisite: Permission of instructor.

**403-404. Undergraduate Research (1 to 3—1 to 3).** Prerequisite: Permission of instructor.

**415-416. Special topics in Biology (1-1).** One discussion period a week.

**451-452. Internship (1 to 3—1 to 3).** Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: permission of instructor.

**491-492. Senior Seminar: Biological Concepts (1-1).** Selected topics of biological interest. Required of all senior biology majors. One discussion period a week.

## CHEMISTRY

**The J. B. Price Chair of Chemistry**

| | |
|---|---|
| Professors: | ROY ALFRED BERRY, JR., Ph.D., Chairman |
| | CHARLES EUGENE CAIN, Ph.D. |
| | ALLEN DAVID BISHOP, JR., Ph.D. |
| | GEORGE HAROLD EZELL, Ph.D. |
| Visiting Associate Professor: | J. NEAL BROWN, Ph.D. |

**Requirements for Major:** All majors take Chemistry 121-122, 123-124, 231-233, 232-234, 251-253, 334, 491; and Computer 100 or 110. Candidates for the bachelor's degree accredited by the American Chemical Society must have a 2.5 average in chemistry and take Chemistry 341-343, 354-356, 363-365, 364-366; Physics 131-132, 151-152, 231; and mathematics through integral calculus. Two approved electives in chemistry, physics, or mathematics are required. German 201-202, or reading knowledge, is strongly recommended. Other majors are required to take Chemistry 264-266 or 363-365 and 364-366; Physics 111-112 or 131-132 in addition to 151-152; and two approved advanced electives in the natural sciences.

**101-102. Chemistry for Citizens. (3-3).** Chemical research and methods important in day-to-day living are studied. Two lectures and one application session a week. Not acceptable toward the bachelor of science degree.

**121-122. General Chemistry (3-3).** Atomic theory, theory of bonding, Kinetic Theory of Gases, chemical equilibrium, periodicity, liquid and solid state theory. Corequisite: Chemistry 123-124.

**123-124. General Analytical Chemistry (1-1).** Theory and applications of qualitative and quantitative techniques with emphasis on solution chemistry. Corequisite: Chemistry 121-122.

**231-232. Organic Chemistry (3-3).** Structure, reactions and theory. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 233-234.

**233-234. Modern Methods in Organic Chemistry (2-2).** Preparation, separation, and identification of organic compounds. Use of modern instrumentation. Corequisite: Chemistry 231-232.

**251. Analytical Chemistry I: Quantitative Analysis (3).** Chemical equilibria, acid-base theory, oxidation-reduction, and an introduction into electrochemical techniques. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 253.

**253. Applications of Analytical Chemistry (2).** Gravimetric and volumetric methods are presented in the laboratory with unknowns of acidmetry and alkalimetry, oxidation-reduction, iodimetry and precipitation methods.

**264. Principles of Physical Chemistry (3).** Gas laws, properties of liquids, properties of solutions, thermodynamics, chemical kinetics, catalysis, electrochemistry, and colloidal solutions. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 266.

**266. Principles of Physical Chemistry Laboratory (1).** Corequisite: Chemistry 264.

**334. Organic Analysis (2).** Identification of organic compounds and mixtures of organic compounds, and classification of organic compounds according to functional groups. Spectral methods are emphasized. Prerequisite: Chemistry 231-233.

**335. Modern Methods in Organic Analysis (2).** Corequisite: Chemistry 334.

**336. Advanced Organic Chemistry (3).** Stereochemistry, mechanisms, and selected topics. Prerequisite: Chemistry 231-232.

**341. Advanced Inorganic Chemistry (3).** Atomic structure, theories of chemical bonding, spectrascopy, the electronic basis of periodic classification, and inorganic stereochemistry. Prerequisite: Chemistry 121-122, Mathematics 224 or 226.

**343. Modern Coordination Chemistry (1).** Coordination chemistry and inorganic reaction mechanisms. Corequisite: Chemistry 341.

**354. Analytical Chemistry II: Instrumental Analysis (3).** Absorption spectrometry, emission spectrometry, potentiometry, polargraphy, differential thermal analysis, and gas phase chromatography. Prerequisite: Chemistry 363, or consent of the instructor. Corequisite: 356.

**356. Analytical Chemistry II—Methods (1).** Practical applications of chemical instrumentation. Corequisite: Chemistry 354.

**358. Advanced Analytical Chemistry (4).** Chemical equilibria in aqueous and non-aqueous solutions. Physical and chemical methods of separation: Chromatography, ion exchange, dialysis, flotation, and solvent extraction techniques. Prerequisite: Chemistry 354-356.

**363-364. Physical Chemistry (3-3).** Kinetic-molecular theory, chemical thermodynamics, phase rule, chemical kinetics, nuclear chemistry, surface chemistry, and electrochemistry. Prerequisite: Chemistry 121-122; Mathematics 224 or 226. Corequisite: Chemistry 365-366.

**365-366. Physio-Chemical Methods. (1-1).** Corequisite: Chemistry 363-364.

**372. Geochemistry (3).** An introduction into the application of chemical principles of geological systems: Carbonate equilibria, Clay colloid chemistry, Eh-pH diagrams, chemical weathering, organic materials in sediments, and phase diagrams. Prerequisite: Chemistry 363 or consent of instructor.

**391. Biochemistry I. (4).** Chemistry of biomolecules. Emphasis on amino acids and protein chemistry, mechanisms of enzyme action and enzyme kinetics, lipids and biological membranes, nucleotides and nucleic acids, carbohydrate chemistry. Prerequisite: Chemistry 231-232.

**392. Biochemistry II. (4).** Generation and storage of metabolic energy; protein biosynthesis; molecular physiology. Prerequisite: Chemistry 391.

**393. Biochemistry I. (3).** Chemistry of living organisms. Emphasis on biochemistry of proteins, carbohydrates, and lipids. Prerequisite: Chemistry 231-232.

**394. Biochemistry II. (3).** Photosynthesis, nucleotides, protein biosynthesis, and biochemical control mechanisms are emphasized. Prerequisite: Chemistry 393.

**395. Biochemical Applications I. (1).** Corequisite: Chemistry 393.

**396. Biochemical Applications II. (1).** Corequisite: Chemistry 394.

**403-404. Undergraduate Research (1 to 3—1 to 3).** Approved students only.

**405-406. Independent Study (1 to 3—1 to 3).** Approved students only.

**411-412. Special Topics in Chemistry (1 to 3—1 to 3).** Approved students only.

**451-452. Internship (1 to 3—1 to 3).** Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: Permission of instructor.

**491-492. History & Literature of Chemistry (2-2).** Designed to review and integrate basic chemical knowledge in conjunction with an oral and written presentation of scientific works. History of chemistry and the proper use of chemical literature are included.

## CLASSICAL STUDIES

**The Alfred Porter Hamilton Chair of Classical Languages**

Associate Professor: RICHARD FREIS, Ph.D., Chairman
Assistant Professor: CATHERINE RUGGIERO FREIS, M.A.

Courses have been set up: 1.) to give students taking their language requirements a firm basis in grammar and an introduction to the literature: 2.) to provide a firm foundation for those students who wish some knowledge of Latin or Greek to help them with medical and other scientific terminology, with New Testament studies, and as a background for studies in Romance Languages and English; and 3.) to permit students without Greek and Latin to make direct contact with the Classical past from which our Western Civilization arose.

### CLASSICAL CIVILIZATION

The following courses are conducted in English; they are open to all students for elective credit regardless of classification. Different courses in this sequence will be offered from year to year.

**301. Myth and Man (3).** A study of the ancient myths of Greece and Rome and their influence on later literature with comparative material introduced from Near Eastern, American Indian, and Norse mythology. Offered Fall, 1982.

**302. Greek Tragedy (3).** After a brief introductory study of Greek theater production and the social-religious context of Greek tragedy, the class will read the main surviving works of the three great tragedians, Aeschylus, Sophocles, and Euripides, and close with two critical works, Aristotle's **Poetics** and Aristophanes' comedy about tragedy, **The Frogs. Offered Spring, 1982.**

**303. The Classical Epic (4).** At the head of Western literature and thought stand the two Homeric poems, the **Iliad** and the **Odyssey.** The class will begin by studying the Homeric poems in themselves and as shaping factors in Western civilization. Then, after a brief study of the later Greek works, Hesiod's **Works and Days** and **Descent of the**

**Gods** and Appollonius' **Voyage of the Argo,** it will turn to Vergil's **Aeneid,** in which the Homeric poems are transformed in the service of a quite different but no less important vision of man.

**304. Classical Art and Archaeology (3).** This course will focus on the changing vision of the world and human experience in ancient art and the forms and techniques which artists evolved to represent that vision. The class will also examine the techniques and the efforts of archaeologists to bring the lost works of ancient civilization to light. There will be field trips to the Museum of Classical Archaeology at the University of Mississippi and to active archaeological sites in Mississippi. **Offered Fall, 1981.**

**305. The Classical Historians (3).** A reading of major portions of the first great historians of the West, Herodotus, Thucydides, Polybius and Tacitus; the class will focus especially on the conceptions of the world, man, and the proper aims and methods of history which underlie and shape each writer's works. **Offered Spring, 1983.**

**306. Athens: The Life of a Greek City-State (3).** This course will explore the pattern of life in the Greek city-state Athens in all its many dimensions from the Age of the Tyrants through the Golden Age of Pericles and the political struggles and cultural flowering of the fourth century to its struggle against and absorption into the world-empire of Alexander the Great. The course will make substantial use of writings by Greek authors and some use of audio-visual illustrations so that as much as possible the Greek experience will speak for itself.

## LATIN

Courses labelled 301-310 are suitable for second year work. Credit is not given for the first semester of the elementary language course unless the second semester is completed.

**101-102. Elementary Latin (3-3).** Designed for students who have undertaken no previous study of the language. Attention is paid to the thorough mastery of forms, vocabulary, syntax and the techniques of translation. **Offered every year.**

**301. Traditional Forms and Themes in Latin Poetry (3).** Selected readings from Classical and Medieval Latin Poetry to illustrate the continuity of the Latin tradition in European civilization. **Offered Fall, 1981.**

**302. Ovid (3).** Selected readings from the **Metamorphoses. Offered Fall, 1982.**

**303. Virgil (3).** Selected readings from the **Aeneid. Offered Spring, 1983.**

**304. Cicero (3).** Selected readings from Cicero's oratorical and philosophical prose. **Offered Spring, 1982.**

**305. Horace and Catullus (3).** Selected readings.

**306. Roman Letters (3).** Selected readings from the correspondence of Cicero and Pliny.

**308-309. Elementary Latin Prose Composition (3-3).** A course designed to increase the student's grasp of syntax and style through practice in writing Latin prose; the course will pass from sentences illustrating basic syntactical topics to the composition of brief connected essays.

**321. Odes of Horace (3).**

**331. The Elegaic Tradition (3).** Readings in Catullus and the writers of Latin love elegy, Tibullus, Properitus and Ovid.

**341. Lucretius (3).** Selected readings from the **De Rerum Natura.**

**351. Roman Historians (3).** Selected readings from one or more of the following: Sallust, Livy, Tacitus.

**361. Roman Satire (3).** Selected readings from one or more of the following: Horace, Persius, Juvenal.

**371. Roman Drama (3).** Selected readings from one or more of the following: Plautus, Terence, Seneca.

**381. Advanced Latin Composition: Prose or Verse (3).**

**401-402. Directed Readings (1 to 3-1 to 3).** Additional Latin readings arranged to meet the needs or desires of students. Prerequisite: consent of the department chairman.

## GREEK

Courses labelled 301-310 are suitable for second year course work. Credit is not given for the first semester of the elementary language course unless the second semester is completed.

**101-102. Introduction to Greek (3-3).** This course focuses on reading Greek. Students begin by reading adapted Greek texts, then rapidly proceed to original Greek texts from the Gospel of St. John, Aristophanes, Demosthenes, Euripides, and Homer. **Offered every year.**

**301. Plato (3).**

**302. Greek Heroes (3).** A. Selections from Homer, Herodotus and Sophocles. **Offered Spring, 1983.** B. Selections from Homer and Euripides. **Offered Fall, 1982.**

**303. Greek New Testament (3). Offered Fall, 1983.**

**304. Homer (3).**

**306. Euripides (3).**

**308-309. Elementary Greek Prose Composition. (3-3).** Practice in writing Greek Attic Prose, designed to increase the student's grasp of syntax and style.

**321. Greek Tragedy (3).** Readings from one or both of the following: A. Sophocles; B. Aeschylus.

**331. Greek Lyric Poetry (3).** Selections from the lyrics of the archaic Greek poets of the 7th and 6th century B.C.

**341. Greek Historians (3).** Selections from one or both of the following: A. Herodotus; B. Thucydides.

**351. Greek Orators (3).** Selections from one or more of the following: A. Demosthenes; B. Isocrates; C. Lysias.

**361. Greek Comedy (3).** Selections from one or more of the following: A. Aristophanes; B. Menander.

**371. Greek Epic (3).** Selections from one or more of the following: A. Homer; B. Homeric Hymns; C. Hesiod.

**381. Advanced Composition: Prose or Verse (3).**

**401-402. Directed Readings (1 to 3-1 to 3).** Additional Greek readings arranged to meet the needs or desires of the students.

# COMPUTER STUDIES

Professors: ALLEN D. BISHOP, JR., Ph.D., Chairman
SAMUEL R. KNOX, Ph.D.
ROBERT A. SHIVE, JR., Ph.D.
Associate Professor: THOMAS P. WHALEY, Ph.D.

Although there is no major in computer science, a number of options are available for students who wish to study computer science and computer applications. A student may enroll in any of the several courses listed below. In addition, students can follow the pre-engineering curriculum with continued computer science study at one of the associated universities. Or, students can major in closely associated fields such as mathematics, chemistry, or administration.

Facilities are among the finest for student use and include a large Digital Equipment PDP-11 RSTS timesharing system, a Digital Equipment PDP-8/e laboratory computer, and an EAI-TR20 analog computer. Terminals are located in several buildings on campus.

Computer courses are:

**Computer 100. Introduction to Computing (1).** Development of programming skills in the timesharing language BASIC. Designed to enable the student to utilize the computer in the several disciplines.

**Computer 110. Computing, an Interdisciplinary Approach (3).** Brief historical development and the concept of an algorithm. Introduction to computer languages with emphasis on the interactive language BASIC. The impact of computers on society. Stresses the solution of problems from diverse areas. If taken after Computer 100, only two hours credit allowed.

**Computer 112. Advanced Programming (3).** Discussion of algorithms, mathematical models and simulations, file structures, and record I/O. Prerequisites: Computer 100 or 110.

**Computer 210. Computer Organization and Machine Programming (3).** Discussion of fundamentals of computer hardware organization and symbolic coding with assembly systems. Prerequisite: proficiency in a higher level programming language.

**Computer 250. Data Structures (3).** Basic concepts of data, Linear and Orthogonal lists, trees, arrays, representations of trees and graphs, searching and sorting techniques, data structures in programming languages and organization of files. Prerequisite: consent of instructor.

**Computer 271. Computer Programming in FORTRAN.** FORTRAN programming and research applications to the behavioral and natural sciences. Prerequisite 100 or 110.

**Computer 272. Computer Systems for Accounting. (3).** Introduction to data processing and COBOL programming with application to accounting and information systems. (Same as Accounting 272.) Prerequisite 100 or 110.

**Computer 318. Digital Electronics (3).** Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates, storage elements and sequential logic, memory and processor circuits, microcomputer organization. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Physics 316 and an introductory computer programming course or, consent of the instructor. (same as Physics 318.)

**Computer 352. Electronic Analog Computer (1).** Linear components, timescale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture and one laboratory per week. Prerequisite: Mathematics 351. (Same as Mathematics 352.)

**Computer 401-402. Directed study in computing (1 to 3—1 to 3).** Prerequisite: Consent of instructor.

**Computer 411-412. Selected Topics (1 to 3—1 to 3).** Prerequisite: Consent of instructor.

**Computer 491-492. Seminar (1 to 3—1 to 3).** Prerequisite: Consent of instructor.

The computer is used as a tool in problem solving, model building and simulation in accounting, administration, astronomy, biology, chemistry, economics, mathematics, physics, political science, psychology, and sociology.

## EDUCATION

| | |
|---|---|
| Professor: | JAMES A. MONTGOMERY, Ed.D., Director of Athletics |
| Associate Professors: | STEVE HERING, Ed.D., Chairman |
| | J. HARPER DAVIS, M.Ed. |
| | MARY ANN EDGE, M.S. |
| Assistant Professors: | JEANNE M. MIDDLETON, Ed.D. |
| | THOMAS L. RANAGER, M.Ed. |
| | MARLYS T. VAUGHN, Ph.D. |

### ELEMENTARY AND SECONDARY EDUCATION

Professional training is offered in both the secondary and elementary fields and meets requirements of the Division of Certification, State Department of Education, for the Class A Certificate.

**Requirements for Major in Elementary Education:** Students must complete the courses necessary to obtain the Mississippi Class A Elementary Certificate.

**201. Introduction to Elementary Education (3).** A multi-purpose foundation course to orient the student in the philosophical and social dimensions of elementary education.

**205. Child Psychology (3).** A study of the theories, principles, and characteristics of human development from conception to the period of adolescence. Same as Psychology 205.

**206. Child Development (3).** An advanced study of the cognitive, physical, emotional, and psychological development of the child. Prerequisite: Education/Psychology 205.

**207. Adolescent Psychology (3).** A study of the psychological and biological problems in the developing adolescent. Same as Psychology 207.

**211. Mathematics in the Elementary School (3).** This course teaches an understanding of the structure of the number system as well as the vocabulary and concepts of sets, algebra, and geometry on the elementary level, with emphasis on individualized instruction. Prerequisite: Psychology 205 or 207.

**213-214. Reading in the Elementary School (3-3).** Prerequisite: Psychology 205 or 207

**215. Reading in the Secondary School (3).** Designed for teachers of the content subjects in grades 7-12 with major emphasis on the role of reading in the learning process. Research and evaluation are stressed as well as an analysis of materials enployed in specific reading improvement programs. There is also emphasis on instructional methods.

**221. Survey of the Exceptional Child (3).** A study of the exceptional child with emphasis on identification, diagnosis, and etiology. Includes objectives, organization, and administration of special education courses.

**301. Career Education (3).** This course is designed to enable teachers, counselors, and school administrators to understand, lay a foundation, and build a framework for a program in career education. Special attention is given to methods for integrating career education into all levels of the educational program.

**305. Language Arts in the Elementary School (3).** Speaking, writing, and listening with special emphasis on linguistics. Prerequisite: Education 205 or 207.

**309. Literature: Kindergarten through 8th grade. (3)** Prerequisite: Psychology 205 or 207.

**320. Science in the Elementary School (3).** Prerequisite: Psychology 205 or 207.

**321. Social Studies in the Elementary School (3).** Prerequisite: Psychology 205 or 207.

**323. Music in the Elementary School (3).** Music for classroom teachers. The basic elements of theory are included. Prerequisite: Psychology 205 or 207.

**337. Art in the Elementary School (3).** Teaching art in the primary grades with emphasis on the correlation with other learning areas. Prerequisite: Psychology 205 or 207.

**339. Methods and Materials in Middle Grades and in Early Childhood Education (3).** Critical analysis of the most significant books and research studies in foundations, organizations, learning, instruction, curriculum, evaluation, and specialty areas in elementary education. Students will explore and identify alternative solutions to contemporary issues through group interaction.

**341. Measurement and Evaluation (3).** Includes test terminology, types of instruments, selection procedures, and the administering, scoring, tabulation, and interpretation of test data.

**345-347. Principles of Early Childhood Education or Principles of Elementary Education (3).** Principles and techniques of teaching elementary grades including philosophy and foundations of education, organizational patterns which include the self-contained classroom, team teaching, and non-gradedness. Special attention is given to education of the young child in 345 and to upper elementary students in 347.

**352. Educational Psychology (3).** Applications of psychology to problems of learning and teaching. Same as Psychology 352.

**362. General Methods of Teaching in the High School (3).** A practicum. Prerequisite: Ed. 207, 352.

**372. Principles of Secondary Education (3).** Legal, philosophical, and historical foundations of the modern high school emphasizing current practices, issues, and problems.

**401-402. Directed Study (1 to 3—1 to 3).** Prerequisite: Consent of Department Chairman.

**430. Directed Observation and Student Teaching in the Elementary School (6).** One semester. Prerequisites: C Average and Education 211, 213-214.

**434. Directed Observation and Student Teaching in the Elementary School (12)** Full time—one semester.

**452. Directed Observation and Student Teaching in the High School (6).** One semester. Prerequisite: C Average and Education 352, 362.

**456. Directed Observation and Student Teaching in High School (12).** Full time—one semester.

## HEALTH AND PHYSICAL EDUCATION

### Activity Courses

Most courses are coeducational. Students furnish their own gym clothing. The department will furnish baskets.

**A105-A106** Archery (1-1)
**A107-A108** Weight Training for Men (1-1)
**A109-A110** Body Tone for Women (1-1)
**A111-A112** Karate (1-1)
**A113-A114** Water Safety (1-1)
**A131-A132** Beginning Horsemanship (1-1)
**A231-A232** Intermediate Horsemanship (1-1)
**A333-A334** Advanced Horsemanship (1-1)
**A115-A116** Fencing (1-1)
**A117-A118** Aerobics (1-1)
**A119-A120** Dance (101)
**A123-A124** Basic Gymnastics
**A201-A202** Golf (1-1)
**A211-A212** Bowling (1-1)
**A221-A222** Tennis (1-1)

### Varsity Athletics

**A140-A141 (First Year), A240-A241 (Second Year), A340-A341 (Third Year), A440-A441 (Fourth Year). Varsity Football.** Open only to students who compete in varsity football.

**A150-A151 (First Year) A250-A251 (Second Year), A350-A351 (Third Year), A450-A451 (Fourth Year). Varsity Baseball.** Open only to students who compete in varsity baseball.

**A160-A161 (First Year), A260-A261 (Second Year), A360-A361 (Third Year), A460-A461 (Fourth Year), Varsity Tennis.** Open only to students who compete in varsity tennis.

**A170-A171 (First Year), A270-A271 (Second Year), A370-A371 (Third Year), A470-A471 (Fourth Year). Varsity Basketball.** Open only to students who compete in varsity basketball.

**A180-A181 (First Year), A280-A281 (Second Year), A380-A381 (Third Year), A480-A481 (Fourth Year). Varsity Golf.** Open only to students who compete in varsity golf.

### Academic Courses

**205. First Aid (3).** Designed to assist the student in safety skills and techniques of immediate and temporary care in the event of an injury or sudden illness along with study of first aid subject matter.

**210. Rhythms (3).** Kindergarten-grade 12. The study of the scope, content, and methodology of the rhythms and dance program. Emphasis is on the creative and aesthetic values therein, and the integration and correlation with the other arts in the school curriculum.

**220. Physical Education for the Exceptional Child. (3)** A study and development of concepts and knowledge of physical education programs for the exceptional child.

**302. Motor Development and Movement Education (3).** Kindergarten-grade 6. Designed to develop a basic understanding of how and where the body moves and what the body can do as applicable to children in grades K-6. The student will become familiar with various ways to recognize the stages of motor development in children and how to prepare activities for skill acquisitions.

**304. Principles and Methods of Secondary Health (3).** The characteristics of the secondary student, activities suited to the physical and mental levels represented, facilities, and equipment.

**305. Physical Education for the Elementary Grades (3).** The characteristics of the elementary school child, activities suited to the physical and mental levels represented, facilities and equipment.

**308. Institutional and Community Recreation (3).** Techniques and theories of directing church and other institutional and community recreation programs, with special emphasis on designing programs for all age groups.

**311-312. Theory of High School Coaching for Individual and Team Sports (3-3).**

**321-322. Athletic Officiating (3-3).**

**332. Consumer Health (3).** Personal health and care of the body; food, sanitation, diseases and contagion, vitamins, and hormones.

**405. Tests and Measurements (3).** Kindergarten-grade 12. A study of the various tests in the field of health and physical education, including uses and interpretation of elementary statistical techniques.

## ENGLISH

**The Milton Christian White Chair of English Literature**

| | |
|---|---|
| Professors: | GEORGE WILSON BOYD, Ph.D., Chairman |
| | PAUL DOUGLAS HARDIN, A.M. |
| Associate Professors: | ROBERT HERBERT PADGETT, A.M. |
| | DANIEL G. HISE, Ph.D. |
| Assistant Professors: | RICHARD P. MALLETTE, Ph.D |
| | AUSTIN WILSON, Ph.D. |

**Requirements for Major:** An English major must take English 101-102, 103-104, or 105, 201-202, 481 in the second semester of the junior year and eighteen hours of other courses in the department. Majors must complete the 201-202 course in Greek, Latin, or a modern foreign language with a grade of "C" or better, or pass an equivalent proficiency examination. Students planning to pursue graduate study in English are advised that a reading knowledge of French, German, and sometimes Latin is generally required. A minimum of one year of Latin or Greek is strongly recommended.

**101-102. Composition (3-3).** First semester, weekly themes and introductions to essays, short stories, and the novel; second semester, research paper and introductions to poetry and drama.

**103-104. Composition (2-2).** A specially designed course correlated with Heritage 101-102, the Cultural Heritage of the West, and intended to develop and augment the student's abilities in reading, writing, and speaking. Corequisite: Heritage 101-102.

**105. Advanced Freshman Composition (3).** Designed for freshmen with exceptionally strong preparation in English, as evidenced by an ACT score of 27 or above and the extempore writing of an acceptable theme for a department committee, this course concentrates steadily on expository, critical, and some creative writing. Readings in poetry and short fiction or drama furnish materials for the writing. Class membership selected by a departmental committee.

**201-202. English Literature (3-3).** A survey of English literature from the beginnings to the present. Prerequisite: English 101-102, 103-104, or 105.

**203-204. Literature of the Western World (3-3).** A chronological study of selected major works of Continental, British, and American literature from Homer to the pres-

ent. Prerequisite: English 101-102 or 105 (Not available for credit to Heritage students.)

**205. Journalism (3)** A basic course emphasizing newswriting and reporting. History and principles of journalism; introduction to make-up, copywriting and headlines. 3 hours credit. Prerequisite: English 101-102, 103-104, or 105.

**207. Introduction to Creative Writing (3).** An introductory course emphasizing the fundamentals of writing both poetry and fiction through readings and frequent writing assignments. Prerequisite: English 101-102, 103-104, or 105.

**301-302. American Literature (3-3).** A survey of American literature from the seventeenth century to the present. Need not be taken in sequence. Prerequisite: English 101-102, 103-104, or 105.

**319. English Prose and Poetry of the Sixteenth Century (3).** English literature at the end of the sixteenth century, with particular emphasis on the development of the lyric and on the early books of The Faerie Queene. Prerequisite: English 201-202.

**321. English Prose and Poetry of the Seventeenth Century (3).** Writers of the seventeenth century, exclusive of John Milton. Prerequisite: English 201-202.

**322. English Prose and Poetry of the Eighteenth Century (3).** Prerequisite: English 201-202.

**325. English Romantic Poets (3).** Library readings and a term paper are required. Prerequisite or corequisite: English 201-202.

**326. Tennyson, Browning, and Arnold (3).** Library readings and papers are required. Prerequisite or corequisite: English 201-202.

**331. History of the English Novel (3).** Novels from Fielding to Hardy are cast in their historical contexts, with specific consideration of types, movements, and critical techniques. Prerequisite: English 201-202.

**332. Modern Fiction (3).** Intensive reading of selected novels. Prerequisite: English 201-202.

**335. English Drama To 1642 (3).** A survey of English drama, excluding Shakespeare, from its beginnings to the closing of the theatres in 1642. After a brief introduction to the early development of English drama, there will be extensive reading of representative Elizabethan and Jacobean dramatists. Prerequisite: English 201-202.

**337. Modern Drama (3).** A survey of drama from Ibsen to Beckett and Ionesco. Prerequisite: English 201-202 or 203-204.

**341. Modern English and American Poetry (3).** Prerequisite: English 201-202.

**342. Contemporary Literature (3).** A survey of fiction and poetry since 1950. Prerequisite: English 201-202 or 203-204.

**350. Major American Writers (3).** Prerequisite: English 201-202.

**361. Chaucer (3).** An introduction to Middle English language and literature; a reading of the Troilus and all the Canterbury Tales. Prerequisite: English 201-202.

**365-366. Shakespeare (3-3).** The first semester focuses on the plays before 1603; the second semester, on the tragedies and late romances. Each semester may be taken separately. Prerequisite or corequisite: English 201-202.

**367. Milton (3).** Important minor poems, selected prose, and all of Paradise Lost,

Paradise Regained, and Samson Agonistes. Reading and reports from Milton scholarship and a critical paper. Prerequisite: English 201-202.

**391-392. Advanced Creative Writing: Fiction (2-2).** The writing of a number of short stories or one long work of fiction. Discussion of student work at a two-hour workshop each week and in conference with the instructor. Designed as a year-long course, but open to students in either the fall or spring who wish to take only one semester. Prerequisite: English 207 or the consent of the instructor. **Offered 1981-82 and alternate years thereafter.**

**393-394. Advanced Creative Writing: Poetry (2-2).** The writing of a substantial number of poems in both traditional forms and free verse. Discussion of students' poems at a two-hour session each week and in conference with the instructor. Designed as a year-long course, but open to students in either the fall or spring who wish to take only one semester. Prerequisite: English 207 or the consent of the instructor. **Offered 1980-81 and alternate years thereafter.**

**397. Advanced English Grammar and Composition (3)** An intensive study of English grammar, taking account of both current American usage and formal, traditional usage, and a re-examination of expository composition as based on thesis and logical outline. Prerequisite: English 101-102, 103-104, or 105. **Offered 1981-82 and alternate years thereafter.**

**398. History of the English Language (3).** The origin and development of the English language, structural and phonetic changes; conventions of modern usage. Prerequisite: English 201-202 or 203-204. **Offered 1980-81 and alternate years thereafter.**

**405-406. Independent Study (1 to 3—1 to 3).** Reading and research in special areas under the guidance of the instructor. Prerequisite: Consent of the chairman.

**451-452. Internship (1 to 3—1 to 3).** Practical experience and training in communications (newspaper, television, or advertising) and in library science for well prepared students. Prerequisite: Junior or Senior standing and consent of the chairman.

**481. Junior Seminar (3).** A survey of critical theory from Aristotle to the present. Special attention will be given to the various modern critical methodologies and their application to specific literary texts.

## GEOLOGY

Associate Professor: WENDELL B. JOHNSON, M.S., Chairman

Any student may enter physical geology or historical geology. Other geology courses require specific prerequisites. Most courses require laboratory work, some of which is field work. Advanced courses of the 200-300 series are offered in alternate semesters. Special problems, directed studies, and internships with consent of the department and/or organization or agency that offers such programs.

**Requirements for Major:** Geology 101-102, 200, 201, 211, 212, 221, 250, and six semester hours of field geology. The field geology may be G331 and G332 combined, S371 at another college, or six hours of G480. Majors must take Mathematics 115-116, Biology 121, Chemistry 121-122 (and laboratories 123-124), and Physics 131-132. Additional required courses are three or more hours each in mathematics, chemistry, and physics.

**101. Physical Geology (3).** The earth, the rocks which comprise its surface, erosional and depositional processes, volcanism, deformation, and economic deposits. One field

trip. Two lecture hours and two hours laboratory.
**Offered each fall semester and first term summer session.**

**102. Historical Geology (3).** The successive events leading to the present configuration of the continental masses, accounting for the kinds and distribution of surface rocks and minerals. Two lecture hours and two hours laboratory. Prerequisite: Geology 101, or consent of Department.
**Offered each spring semester, and second term summer session.**

**200. Crystallography (3).** Unit cell dimensions of the crystallographic systems illustrated by mineral crystals, laboratory-grown crystals, geometric models, x-ray structure, stereographic projections, and goniometric measurements. Two lecture hours and two hours laboratory.
**Next offered fall semester 1981–1982.**

**201. Mineralogy (4).** Geometrical, physical and chemical properties, genesis, and atomic structures of minerals. Use is made of a spectroscope, density balances, and x-ray equipment. A valuable elective for chemistry majors. Three lecture hours and two hours laboratory. Prerequisites: Geology 200 and Chemistry 121, 123-124, or consent of instructor.
**Next offered spring semester 1981–82.**

**202. Economic Geology (4).** The chief economic rocks and minerals of the United States and other countries, with consideration of their stratigraphy, genesis, value, and use. Three hours lecture and two hours laboratory. Prerequisite: Geology 101-102, 200, and 201. **Next offered fall semester 1981–82.**

**211. Geomorphology (3).** A more detailed treatment of land forms than provided in Geology 101. The physiographic provinces and sections of the United States are studied systematically, but most emphasis is placed on the Coastal Plain. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102.
**Next offered fall semester 1981–82.**

**212. Structural Geology (4).** Structural features of the rocks comprising the earth's crusts, their origin, and their relations to economic geology. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102 or consent of instructor.
**Next offered spring semester 1981–82.**

**221. Invertebrate Paleontology (4).** Classification and morphology of fossil invertebrates with reference to evolutionary history and environment. Field trips to collect the diagnostic fossils in Mississippi. Three lecture hours and two hours of laboratory. Prerequisite: Geology 101-102. **Next offered spring semester 1981–82.**

**231. Earth Sciences for Teachers (3).** Designed to aid science teachers. The course will consist of a study of earthen materials and will emphasize minerals, geochemistry of minerals, use of physical properties in their identification, classification of igneous, sedimentary and metamorphic rocks, topographic maps, fossils and fossilization, geologic time, plate tectonics, and geology of Mississippi. Course counts toward teacher certification. Prerequisite: involvement with the teaching of science in junior or senior high school. Offered each semester, 7-10 p.m., one evening per week.

**250. Principles of Stratigraphy (4).** Rock sequences treated in greater detail than in Historical Geology. Lithologic and paleontologic facies of various parts of the United States. Three lecture hours and two hours laboratory. Prerequisite: Geology 101-102.
**Next offered fall semester 1981–82.**

**301. Geology of Mississippi (3).** The stratigraphy, structure, and geomorphology of the southeastern United States with emphasis on Mississippi. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102, 211, and 212 or consent of instructor. **Offered on request.**

**311. Igneous and Metamorphic Petrology (4).** A petrologic study of the megascopic and microscopic characteristics of igneous and metamorphic rocks and their use in rock classification. Practice in identification through the use of hand specimens and thin sections. Two lecture hours and four hours laboratory. Prerequisite: Geology 200 and 201 or consent of instructor. **Next offered spring semester 1981–82.**

**312. Optical Mineralogy (4).** An introduction to the petrographic microscope, especially to the reflective, refractive, and polarizing properties of light for the identification of mineral fragments and minerals in thin sections. Two lecture hours and four hours laboratory. Prerequisite: Geology 200 and 201.
**Next offered fall semester 1981–82.**

**321. Sedimentary Petrology (4).** Unconsolidated and consolidated sedimentary rocks as determined by megascopic and microscopic mineralogy, x-ray, spectrochemical and differential thermal analyses, mechanical analyses, genesis, and classification. Two lecture hours and four hours laboratory. Prerequisite: Geology 312 or consent of the instructor. **Next offered spring semester 1981–82.**

**G331. Physical Marine Geology (3).** Physical processes at work on the shores and shallows of Mississippi Sound. Beaches and spits will be surveyed periodically to determine changes in shape, height, cross-section, lateral shift, and particle distribution and to observe growth and destruction of bars, cusps, spits, and tidepools. Prerequisite: Geology 101, 102, 201, or consent of instructor.
**Offered at Gulf Coast Research Laboratory during summer session.**

**G332. Chemical Marine Laboratory (3).** Supervised research on the chemistry of the waters of Mississippi Sound and the geochemistry of the bottoms. Studies will be made of the lateral, vertical, and tidal changes in water composition. Analyses of core samples taken from different environments. Prerequisites: Geology 101, 102, 201, quantitative analysis or consent of instructor.
**Offered at Gulf Coast Research Laboratory, during summer session, following G 331.**

**S371. Field Geology (6).** Practical training in the standard methods of geologic field work.
Prerequisite: To be determined by the college or colleges operating the course, the probable equivalent of Geology 101-102, 211-212, and Geology 200, 201 and 221.
**Offered each summer, generally at end of Junior year.**

**401-402. Special Problems (1 to 3—1 to 3).** Open to advanced students who have individual problems in the field or in the laboratory. Prerequisite: Consent of instructor.
**Offered each semester and summer session.**

**403-404. Directed Study (1 to 3—1 to 3).** Open only to approved students.
**Offered each semester and summer session.**

**G480. Gulf Coast Summer Research in Marine Science (3-12).** See page 47.

## GEOGRAPHY

**S105. Physical Geography (3).** The human habitat, designed for general education. This course is a valuable elective for elementary education, history, political science, and sociology-psychology majors.
**Offered in first term summer session.**

**S205. Economic Geography (3).** Special study is devoted to changing trends in the distribution of population, natural resources, and production facilities. This is a desirable elective for majors in economics, history, political science, and education.
**Offered in second term summer session.**

# HISTORY

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|---|---|
| Professor Emeritus: | ROSS HENDERSON MOORE, Ph.D. |
| Professors: | FRANK MILLER LANEY, JR., Ph.D., Chairman |
| | WILLIAM CHARLES SALLIS, Ph.D. |
| Associate Professor: | ROBERT S. McELVAINE, Ph.D. |
| Assistant Professor: | JAMES T. BAIN, Ph.D. |
| Visiting Instructor: | CHARLES L. FLYNN, JR., Ph.D. |

**Requirements for Major:** A student must have a 2.50 average in history and maintain this grade for the full course. History 101-102 or Heritage 101-102, History 201-202, and History 401 must be included in the 24 semester hours of history required for a major. A preliminary test must be passed at least one academic year before the comprehensive examination. Students who expect to take graduate work should take French and German.

**101. Western Civilization to 1715 (3).**

**102. Western Civilization since 1715 !3).**

**201. History of the United States to 1877 (3).**

**202. History of the United States from 1877 (3).**

**241-242. The Afro-American Experience (3-3).** A study of the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. (Same as Sociology 241-242.)

**305. The Old South (3).** Development of the southern region of the United States from the time of discovery to the beginning of the Civil War. Prerequisite: Junior standing or consent of instructor.

**306. The New South (3).** Prerequisite: Junior standing or consent of instructor.

**307. The Civil War and Reconstruction (3).** An examination of the political, economic, military, diplomatic and social aspects of the Civil War and Reconstruction periods. Prerequisite: Junior standing or consent of instructor.

**308. Mississippi and Its Relation to the South (3).** Students may enroll for 306 or 308, but not both. Prerequisite: Junior standing or consent of instructor.

**309. The American Revolution and the Establishment of the Federal Union, 1754–1789 (3).** Prerequisite: History 201 or consent of instructor.

**310. The Age of Jefferson and Jackson, 1789–1848 (3).** A continuation of History 309. Prerequisite: History 201 or consent of instructor.

**311. America in the Twentieth Century (3).** A topical study of the history of the United States 1917-1945. Prerequisite: History 202 or consent of instructor.

**312. America in the Twentieth Century (3).** A continuation of History 311 from 1945 to the present. Prerequisite: History 202 or consent of instructor.

**313-314. Social and Intellectual History of the United States (3-3).** First semester: From Colonial times to the Civil War. Second semester: From the Civil War to the present. Prerequisite: History 201-202 or consent of instructor.

**315. The Emergence of Modern America (3).** A topical study of the history of the United States 1877-1916. Prerequisite: History 202 or consent of instructor.

**S321. Problems in Modern History (3).** The nature and impact of such present-day problems in international relations as Nationalism, Imperialism, Militarism, and Propaganda. Prerequisite: History 101-102 or Heritage 101-102.

**S322. Problems in Modern History (3).** A broad view of the history of Europe since 1914. Prerequisite: History 101-102 or Heritage 101-102.

**323-324. Nineteenth Century Europe (3-3).** First semester, 1815-1870; second semester, 1870-1914. Prerequisite: History 101-102 or equivalent.

**325-326. Twentieth Century Europe (3-3).** First semester, 1914-1939; second semester, World War II and the post-war era. Prerequisite: History 101-102 or equivalent.

**327-328. History of England (3-3).** A general survey from Roman times to the present. The first semester will cover the period to the Stuart Era, 1603. The second semester will continue the study to the contemporary period, with some attention to the development of the British Empire. Prerequisite: History 101-102 or equivalent.

**329-330. History of Russia (3-3).** The first semester will cover the period to 1855. The second semester will continue to the contemporary period, with special attention to the late 19th century and early 20th century revolutionary movements and to the Soviet regime. Prerequisite: History 101-102 or equivalent.

**334. Current Problems (3).** Problems of national and international importance. Open to students who have 6 sem. hrs. credit in history.

**401. Special Problems in History (3).** A study of how history is written and interpreted and of problems in American civilization. May be taken by students who have 6 sem. hrs. in history and is required of all history majors.

**402. Directed Readings (1 to 3).** Prerequisite: Consent of the department chairman.

**411-412. Special Topics in History (1 to 3—1 to 3).** Deals with areas not covered in other courses. Offered as required. Prerequisite: Consent of department chairman.

## MATHEMATICS

**The Benjamin Ernest Mitchell Chair of Mathematics**

| | |
|---|---|
| Professors: | SAMUEL ROSCOE KNOX, Ph.D., Chairman |
| | ROBERT A. SHIVE, JR., Ph.D. |
| Associate Professor: | THOMAS P. WHALEY, Ph.D |
| Assistant Professor: | HERMAN L. McKENZIE, M.S. |
| Visiting Lecturer: | MARY P. ROBINSON, M.A. |

**Requirements for Major:** In addition to at least six hours of calculus and the senior seminar, a major is required to take a minimum of six three-hour courses in the 300-series. Work in the major field not taken in residence must be approved by the department.

**103-104. Foundations of Mathematics (3-3).** Designed primarily for freshman non-science majors.

**105. Mathematics for Teachers I (3).** The structure of the real number system and of its subsystems.

**106. Mathematics for Teachers II (3).** Informal geometry and the basic concepts of algebra.

**107. Introduction to Quantitative Methods I (3).** Algebra review, functions, linear models, matrices, linear systems, and linear programming.

**108. Introduction to Quantitative Methods II (3).** Probability, decision theory, statistics, differential, and integral calculus of elementary functions.

**115-116. Pre-calculus Mathematics (4-4).** A two-semester course for freshman science majors.

**172. Elementary Statistics (3).** A pre-calculus course concerned with the description of sample data, elementary probability, testing hypotheses, correlation, regression, the chi-square distribution, analysis of variance. Prerequisite: Mathematics 103 or 115.

**211. Analytic Geometry (4).** Plane and solid analytic geometry. Coordinate systems in the plane and in space. Curves in two and three dimensions. Transformations of coordinates. Prerequisite: Consent of instructor.

**S213. Plane Analytic Geometry (3).** Coordinate systems. The straight line, circle, ellipse, parabola, hyperbola. Transformations. The general equation of the second degree. Loci and higher plane curves. Prerequisite: Consent of the instructor.

**S215-S216. Calculus Is-IIs (4-4).** An abbreviated version of Mathematics 225-226 designed for summer school. Prerequisite: Mathematics 116.

**S217-S218. Calculus Is-IIs (3-3).** Same as Mathematics S215-S216 but less credit. Prerequisite: Mathematics 116.

**223-224. Calculus I-II (3-3).** Basically the same as Mathematics 225-226 but with less emphasis on theory. Prerequisite: Mathematics 116.

**225-226. Calculus I-II (5-5).** The theory and application of limits and continuity, differentiation and integration of the elementary functions of one variable, series, introductory multivariate calculus. Prerequisite: Mathematics 116.

**325-326. Calculus III-IV (3-3).** Topological concepts and a rigorous treatment of continuity, integration, differentiation, and convergence in n-dimensional Euclidean space. Prerequisite: Calculus II.

**335. Probability (3).** The concept of sample space. Discrete and continuous probability distributions. Independence and conditional probability. Characteristics of distributions. Prerequisite: Calculus II.

**345. Abstract Algebra (3).** Congruences, groups, rings, ideals, isomorphisms, and homomorphisms, fields, equivalence. Prerequisite: Calculus II.

**346. Linear Algebra (3).** Vector spaces and linear transformations. Algebra of matrices. Systems of linear equations. Eigenvalues and eigenvectors. Prerequisite: Calculus II.

**351. Differential Equations (3).** Differential equations of the first and higher orders, with applications to geometry, physics, and mechanics. Prerequisite: Calculus II.

**352. Electronic Analog Computer (1).** Linear components, time-scale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture period and one laboratory period per week. Prerequisite: Mathematics 351.

**361. College Geometry (3).** A study of advanced topics in Euclidean geometry, and an introduction to non-Euclidean geometrics. Prerequisite: Calculus I.

**371. Introductory Topology (3).** Topological spaces, metric spaces, Hausdorff spaces, compactness, continuous mappings. Prerequisite: Calculus II.

**391-392. Selected Topics in Mathematics (3-3).** Chosen from areas such as applied

mathematics, number theory, complex variables, foundations of mathematics, numerical analysis, and history of mathematics. Prerequisite: Consent of department chairman.

**401-402. Directed Study (1 to 3—1 to 3).** Reading and research in advanced mathematics. Prerequisite: Consent of department chairman.

**491-492. Seminar (1-1).** Discussions of topics of interest.

## MODERN LANGUAGES

Professor Emerita: NELLIE KHAYAT HEDERI, A.M.
Associate Professors: BILLY MARSHALL BUFKIN, A.M., Chairman
JOHN L. GUEST, A.M.
ROBERT JOEL KAHN, Ph.D.

Visiting Lecturer: SANDRA NAPIER-DYESS, M.A.

Students with two or more units of a modern foreign language in high school will be given a standard placement test and advised as to whether they are prepared to continue the language at the college level or whether they should take the 101-102 course. A student will not be admitted to 300 or 400 level courses in French, German or Spanish until 201 and 202 (or equivalent if transfer student) have been completed.

Credit is not given for 101 unless 102 is completed.

A minimum of one hour per week in the language laboratory is required in all beginning courses.

**Requirements for Majors in French, German and Spanish:** A minimum of 24 semester hours is required beyond the 101-102 series, although 30 hours is recommended. If a candidate takes only the minimum of required courses, 18 hours must be in the literature of the target language.

### FRENCH

**101-102. Elementary French (3-3).** Grammar and reading with constant oral practice.

**201-202. Intermediate French (3-3).** Review of grammar and reading of modern French prose. Prerequisite: French 101-102 or two years of high school French.

**251-252. Conversation and Civilization (3-3).** Designed to give students some fluency in the use of the spoken language. Composition drill is also given. Emphasis on civilization in the second semester. Prerequisite: French 101-102 or equivalent.

**301-302. Advanced French Composition and Conversation (3-3).** This course may be taken in addition to and may also substitute for French 251-252. Prerequisite: French 201-202 or equivalent. **Offered in alternate years.**

**321-322. Survey of Medieval and Renaissance French Literature (3-3).** Instruction and recitation principally in French. Prerequisite: French 201-202 or equivalent. **Offered in alternate years.**

**331-332. Seventeenth Century French Literature (3-3).** Special attention is given to the works of Corneille, Moliere, Racine, and La Fontaine. Prerequisite: French 321-322 or equivalent. **Offered in alternate years.**

**341-342. French Literature in the Eighteenth Century (3-3).** Extensive readings in Rousseau and Voltaire. Second semester concentrates on the dramatic literature. Prerequisite: French 321-322 or equivalent. **Offered in alternate years.**

**351-352. Nineteenth Century French Literature (3-3).** First semester deals with pre-

Romantics, early Romantic prose writers, and the Romantic poets and novelists. A survey of French Romantic drama is also given. Second semester deals with Parnassianism, Symbolism, Realism, and Naturalism. Prerequisite: French 321-322 or equivalent. **Offered in alternate years.**

**361-362. French Literature of the Twentieth Century (3-3).** First semester deals with Maeterlinck, Proust, Bergson, Gide, Peguy, and Claudel. Second semester deals with Breton and the Surrealists, Malraux, Giraudoux, Anouih, Sartre, and Camus. Prerequisite: French 321-322 or equivalent. **Offered in alternate years.**

**401-402. Directed Study (1 to 3—1 to 3).** For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: Consent of the department chairman.

## GERMAN

**101-102. Beginning German (3-3).**

**201-202. Intermediate German (3-3).** Review of grammar and introduction to important writers of German literature. Prerequisite: German 101-102 or the equivalent.

**251-252. Conversation and Composition (3-3).** Prerequisite: Permission of the instructor. **Offered in alternate years.**

**261-262. German Civilization (3-3).** Cultural survey with special emphasis on history, art and music. Knowledge of German not necessary. **Offered in alternate years.**

**341-342. Survey-History of German Literature (3-3).** Literature up to Goethe. Prerequisite: permission of the instructor. **Offered in alternate years.**

**351-352. Goethe, Schiller (3-3).**
**Offered in alternate years.**

**361-362. Nineteenth Century German Literature (3-3).** Readings from the major figures of Romanticism and Realism.
**Offered in alternate years.**

**371-372. Modern German Literature (3-3).** Readings from Hauptmann to Boll.
**Offered in alternate years.**

**401-402. Directed Study (1 to 3—1 to 3).** Prerequisite: Consent of the department chairman.

**411-412. Special Topics Course (1 to 3—1 to 3).**

**491. Seminar (1).**

## ITALIAN

**Italian 251-252. Composition and Conversation (3-3).** This course is designed to afford the student with two years of another modern foreign language, a knowledge of the structure of the Italian language in the first semester. The second semester, a cultural reader is used incorporating oral proficiency training. It is recommended for music students. Offered on sufficient demand and when teaching schedules and staff permit. Prerequisite: Two years of another modern foreign language and consent of the instructor.

## SPANISH

**101-102. Elementary Spanish (3-3).** Grammar and reading with constant oral practice.

**201-202. Intermediate Spanish (3-3).** Review of grammar and reading of modern Spanish prose. Prerequisite: Spanish 101-102 or two units of high school Spanish.

**251-252. Conversation and Civilization (3-3).** Designed to give students some fluency in the use of spoken Spanish and a familiarity with the civilization. Laboratory drill. Prerequisite: Spanish 101-102 and preferably 201-202.

**321-322. Survey of Medieval and Renaissance Spanish Literature (3-3).** The first semester considers the literature from the **jarchas** to the Early Renaissance. The second semester covers Late Renaissance and Golden Age authors. Prerequisite: Spanish 201-202. **Offered in alternate years.**

**331-332. The Literature of the Golden Age (3-3).** The first semester includes best known plays of the most representative Spanish dramatists of the Golden Age from Cervantes to Calderon. The second semester is a detailed study of the life and works of Miguel de Cervantes, primarily the **Quijote**. Prerequisite: Spanish 201-202 and preferably 321-322. **Offered in alternate years.**

**351-352. Nineteenth Century Spanish Literature (3-3).** The first semester includes historical background and characteristics of nineteenth century drama and poetry. The second semester deals with the Spanish novel in the 19th century. Prerequisite: Spanish 201-202 and preferably 321-322. **Offered in alternate years.**

**361-362. Spanish Literature of the Twentieth Century (3-3).** The first semester deals with the Generation of '98. The second semester deals with Jimenez, Garcia Lorca, Casona, Cela, Laforet, Zunzunegui, and others. Prerequisite: Spanish 321-322 or equivalent. **Offered in alternate years.**

**381-382. Survey of Spanish-American Literature (3-3).** The first semester deals with the Colonial and Independence Periods. The second semester covers the Nineteenth and Twentieth Centuries. Prerequisite: Spanish 201-202 and preferably 321-322. **Offered in alternate years.**

**401-402. Directed Study (1 to 3—1 to 3).** For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: Consent of the department chairman.

### LINGUISTICS

**391-392. Introduction to Comparative Linguistics (3-3).** This course emphasizes the historical development of the Indo-European languages; structural linguistics, semantics, and phonetics; problems related to the teaching of language and philological research. Prerequisite: French, German, or Spanish 201-202 or Italian 251-252.

## MUSIC

| | |
|---|---|
| Professors Emeritus: | C. LELAND BYLER, M.M. |
| | MAGNOLIA COULLET, B.M., A.M. |
| Professors: | JONATHAN M. SWEAT, A.Mus.D., Chairman |
| Associate Professor: | DONALD D. KILMER, M.M. |
| Assistant Professors: | McCARRELL L. AYERS, M.M. |
| | WILLIAM P. CARROLL, M.M. |
| | FRANCIS E. POLANSKI, M.M. |

**Requirement for Major:** Students majoring in music may apply for either the Bachelor of Music or the Bachelor of Arts degree.

**Bachelor of Music:** The degree of Bachelor of Music with a major in piano, voice, or organ may be earned. The minimum credit required is 128 semester hours. Bachelor of Music candidates are required to give a full recital in each of their final two years of study. An upper divisional examination in the student's performance area is required at the end of the sophomore year. This examination may not be taken until the student is either enrolled in or has completed Theory 202. A comprehensive examination is required during the senior year.

**Bachelor of Arts:** The degree of Bachelor of Arts with a major in piano, organ, voice, music education or church music may be earned. An upper divisional examination in the student's performance area is required at the end of the sophomore year. This examination may not be taken until the student is either enrolled in or has completed Theory 202. A comprehensive examination is required during the senior year. Students desiring teacher certification should consider state requirements. A senior recital is required and must be given while the student is registered for senior level applied music.

## GENERAL REQUIREMENTS

All students studying Applied Music must attend weekly repertoire classes, all recitals presented by the Music Department, and take an examination before the faculty at the end of each semester.

## PIANO REQUIREMENTS

To enter the four-year degree program in piano, the student must have an adequate musical and technical background. (S)he should be able to play all major and minor scales. (S)he should have had some learning experience in all periods of the standard student repertory, such as the Bach two-part inventions, the Mozart and Haydn sonatas, the Mendelssohn Songs Without Words, and the Bartok Mikrokomos.

For students whose principal performing instrument is not piano or organ, a piano proficiency examination is required. The student must perform acceptably, from memory, the following material (or its equivalent in styles and difficulty): the major and minor scales, a Bach two-part invention, a movement from a classical sonatina, a romantic and a contemporary work of moderate difficulty. The student's ability at sight-reading will be tested. Until the student passes the piano proficiency examination, (s)he must study piano each semester.

Candidates for the B.M. or B.A. must fulfill repertory and technical requirements specified by the department.

## ORGAN REQUIREMENTS

To enter the four-year degree program in organ, the student must have completed sufficient piano study to play the Bach two-part and three-part inventions, Mozart and Beethoven sonatas, and compositions by Chopin, Schumann, Mendelssohn, and Bartok. The student should also be able to play all major and minor scales and arpeggios.

Candidates for the B.M. or B.A. degree must have one year of voice study, directed study in organ literature and the techniques of playing for religious services, and console conducting.

## VOICE REQUIREMENTS

To enter the four-year degree program in voice, the student must possess above average talent and evidence ability to sing with correct pitch, phrasing, and musical intelligence. (S)he should know the rudiments of music and be able to sing a simple song at sight. (S)he should have experience in singing works from the standard repertory.

Voice candidates for the Bachelor of Music degree must obtain 18 hours in foreign languages to be chosen from at least two of the following: French, German, Italian. Candidates for both the B.M. and B.A. degrees will be required to have a basic piano proficiency.

## MUSIC EDUCATION

Students electing the music education major will receive a bachelor of arts degree, not the bachelor of music.

## CHURCH MUSIC

Students electing the church music major will receive a Bachelor of Arts Degree. The program of 117 total hours is designed to equip the church musician with a variety of skills so as to meet the demands of the contemporary church. Along with the core requirements for all degrees, the church music major carries additional requirements in music (53 hours), religion (18 hours), and education (6 hours). An internship is a part of the program also.

### Music Theory

**101-102. Basic Theory (4-4).** Harmonic part-writing, sight-singing and dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week.

**201-202. Intermediate Theory (4-4).** Harmonization of chorales, modulation, altered chords, advanced sight-singing, harmonic dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week. Prerequisite: 101-102.

**303-304. Advanced Theory (4-4).** First semester includes: harmonic and structural analysis of basic musical forms and study of advanced musical forms. The second semester is the study of polyphony of the eighteenth century, the writing of canon and fugue, and free counterpoint in contemporary styles. Four lecture hours per week. Prerequisite: Intermediate Theory, 201-202.

### Music Literature

**215. Music Appreciation (3).** (For non-majors). The literature of music as an important aspect of Western culture.

**251-252. Music Literature (2-2).** An introduction to music history and music literature with special emphasis on aural comprehension of form, style, period, and composer. Open to non-music majors with consent of instructor.

**381-382. Music History (3-3).** Music from antiquity to 1750, first semester, and from 1750 to the present, second semester. Prerequisite: Music Literature 251-252.

**401. Directed Study (1-3).** Designed to correlate work studied and to prepare the student for graduate study. Research and projects pertaining to the student's major interest.

### Church Music

**315. Church Music Literature (4).** Sacred music from antiquity to the present. Organization and administration of the church music program is included. Open to non-music majors on consent of the instructor.

**361. Service Playing and Repertory (2).** Open to advanced organ students.

**362. Console Conducting (2).** Includes detailed study of anthems, accompanying, and directing the choir from the console. Open to advanced organ students.

### Music Education

**323. Music in the Elementary School (3).** Teaching of music for classroom teachers. Same as Education 323.

**333. Music. Grades 1-6 (3).** Administration and teaching of music; a comparative survey of current teaching materials. Prerequisite: Music 101-102.

**335. Music in the Secondary School (3).** Administration and teaching of music at the secondary school level. A comparative survey and study of materials and texts. May be taken in lieu of Education 362. Prerequisite: Music 101-102.

**341. Choral Conducting (3).** Conducting, scorereading, rehearsal techniques, diction for singers.

**342. Instrumental Ensemble (2).** Fundamentals of string, woodwind, and brass instruments, including training methods and materials.

**425-426. Piano Pedagogy (2-3).** A basic course emphasizing techniques and materials used in teaching piano to children and older students in both private and class instruction.

**440. Directed Observation and Student Teaching in the Elementary School.** Same as Education 430 or 440. Prerequisite: Music 333.

**452. Directed Observation and Student Teaching in the High School.** Same as Education 452. Prerequisite: Music 335.

### Applied Music

Courses are designated by the first letter of the instrument, followed by the proper number from the following table:

**Freshman 111-112; 121-122; Sophomore 211-212, 221-222; Junior 311-312, 321-322; Senior 411-412, 421-422.** One or two lessons per week. One or two hours credit each semester.

**181-182; 281-282. (1).** Class instruction in voice or piano to a minimum of four students who meet for two hours per week.

**331-332 (3-3).** One hour lesson per week plus special instruction culminating in a junior recital.

**441-442 (4-4).** One hour lesson per week plus special instruction culminating in a senior recital.

The 300 level may be achieved only by satisfactory completion of the upper divisional examination.

Additional semesters on each level will be designated by successive numbering, i.e., 113, 114, etc.

### Choir

Students are admitted to the Millsaps Singers (Choir) by audition. One hour credit is given per semester.

Freshmen A133-A134; Sophomore A233-A234;
Junior A333-A334; Senior A433-A434.

## PHILOSOPHY

**The J. Reese Linn Chair of Philosophy**

Professors: ROBERT E. BERGMARK, Ph.D., Chairman
MICHAEL H. MITIAS, Ph.D.

**Requirements for Major:** A minimum of 24 semester hours, including 202, 301, 302, 311, and 492.

**201. Problems of Philosophy. (3).** A basic introduction to the main problems, such as knowledge, man, nature, art, the good, God.

**202. Logic. (3).** Language, fallacies, deduction (syllogistic and symbolic), and induction (scientific methods).

**301-302. History of Philosophy. (3-3).** The first semester is a survey of western philosophy through the Medieval period; the second semester from the Renaissance through the nineteenth century.

**303. Twentieth Century Philosophy. (3).** A survey of western philosophy from 1900 to the present. Prerequisite: Philosophy 201, or consent of the instructor.

**311. Ethics. (3).** Principles used in the choosing of personal and social values.

**315. Existentialism. (3).** Historical and comparative treatment of works of such thinkers as Kierkegaard, Jaspers, Heidegger, Sartre, Marcel.

**321. Aesthetics. (3).** Consideration of the creative impulse, of the art object, and standards of aesthetic appreciation.

**331. Philosophy of Religion. (3).**

**351. Oriental Philosophy. (3).**

**361. Philosophy of Science. (3).** Prerequisite: Philosophy 201, or consent of the instructor.

**381. Metaphysics. (3).** Basic categories of experience and reality. Prerequisite: Philosophy 201, or consent of the instructor.

**401-402. Directed Readings. (1 to 3—1 to 3).** Prerequisite: Philosophy 201, or consent of the instructor.

**411-412. Special Topic Courses. (3-3)** Prerequisite: Philosophy 201, or consent of the instructor.

**492. Senior Seminar. (3).** Intensive reading in a broad spectrum of issues, schools, and thinkers. For senior majors.

## PHYSICS AND ASTRONOMY

Associate Professor: GEORGE MARSTON BEARDSLEY, Ph.D., Chairman

**Requirements for Major:** Physics 131-132, 151-152, 231, 311-312, 316, 371-372, Calculus I and II, Mathematics 351, Chemistry 363-364 and 365-366, and Computer 100 or 110. Prospective majors should take 131-132 no later than the sophomore year. No student may receive credit for both Physics 111 and 131, or for both 112 and 132.

### PHYSICS

**111-112. General Physics (3-3).** Fundamentals of mechanics, heat, electricity and magnetism, optics, acoustics, and atomic and nuclear physics. Three lecture periods per week. A non-calculus course intended primarily for majors in the biological and health sciences. Prerequisite: Mathematics 115; while not formally required, Mathematics 116 is also recommended. Corequisite: Physics 151-152.

**131-132. Classical Physics (3-3).** Mechanics, heat, electricity and magnetism, optics and acoustics, covered more rigorously than in 111-112 and making use of elementary calculus. Intended primarily for majors in the physical sciences, mathematics, and the

Engineering Cooperative Program. Three lecture periods per week. Prerequisite: Mathematics 115-116. Corequisites: Physics 151-152 and Mathematics 223-224 or 225-226.

**151-152. Physics Laboratory (1-1).** Experiments to accompany either of the two introductory physics courses listed above. One laboratory period per week. Corequisite: Physics 111-112 or 131-132.

**201. Radioisotope Laboratory (2).** Experiments with low-level sources of nuclear radiation; covering basic counting techniques, interactions of radiation with matter, nuclear spectra, and half-life. Other topics (for example: applications of nuclear techniques to problems in biology and medicine or in chemistry) depending on the interests of the class. One lecture period and one laboratory period per week. Prerequisite: Physics 111-112 or 131-132.

**231. Modern Physics (3).** An introduction to quantum physics and the special theory of relativity, with applications to atomic and nuclear structure. Physics 131, 132, and 231 form a comprehensive three semester introduction to both classical and modern physics. Prerequisites: Physics 132, Mathematics 224 or 226. Prerequisite or corequisite: Computer 100 or 110.

**301. Atomic Physics (3).** The structure and properties of atoms, molecules and solids. Prerequisite: Physics 231, Chemistry 121-122. Corequisite: Mathematics 351.

**306. Nuclear Physics (3).** The structure and properties of atomic nuclei, with an introduction to the physics of elementary particles. Prerequisite: Physics 301.

**311-312. Electricity and Magnetism (3-3).** Charges, currents, electric and magnetic fields in vacuum and in material media, Maxwell's equations, electromagnetic waves. Prerequisites: Mathematics 224 or 226, Physics 132.

**315. Optics (3).** Principles and laws of reflection, refraction, interference, polarization, and spectroscopy. Two lecture periods and one laboratory period per week. Prerequisites: Physics 131-132, Mathematics 223 or 225.

**316. Electronics for Scientists (4).** Fundamentals of electronic circuits and the use of basic laboratory instruments. Two three-hour lecture-laboratory periods per week. Prerequisite: Physics 131-132.

**318. Digital Electronics (3).** Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates, storage elements and sequential logic, memory and processor circuits, microcomputer organization. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Physics 316 and an introductory computer programming course or, consent of the instructor. (Same as Computer 318.)

**331. Classical Mechanics (3).** The principles of Newtonian mechanics, with applications to one or more of the following areas: fluid dynamics, structural engineering, solid state physics or geophysics. Prerequisites: Physics 131-132, Mathematics 223 or 225.

**336. Thermal Physics (3).** Thermodynamics, kinetic theory of gases and elementary statistical physics. Prerequisites: Physics 131-132, Mathematics 224 or 226.

**371-372. Advanced Physics Laboratory (1-1).** Prerequisite: Consent of the instructor.

**401-402. Special Problems (1 to 3—1 to 3).** The student is allowed to research topics in which (s)he is interested. Prerequisite: Consent of the instructor.

**451-452. Internship (1 to 3—1 to 3).** Prerequisite: Consent of the instructor.

**G480. Gulf Coast Semester Research (3-12).**

**491-492. Seminar (1-1).** Student presentations of current problems in physics research. Prerequisite: Consent of the instructor.

### ASTRONOMY

**101-102. General Astronomy (3-3).** A study of the earth, moon, time, the constellations, the solar system, the planets, comets, meteors, the sun, the development of the solar system, and the sidereal universe. Two lectures and one observatory period.

**301-302. Practical Astronomy (3-3).** Spherical astronomy and the theory of astronomical instruments with exercises in making and reducing observations. One lecture and one double laboratory period per week. Prerequisite: Astronomy 101-102 and consent of the instructor.

## POLITICAL SCIENCE

Associate Professors: JOHN QUINCY ADAMS, J.D., Chairman
HOWARD GREGORY BAVENDER, M.A.

**Requirements for Major:** Political Science 101, 102, 351, 352, 301, 302, and 491, and at least nine additional hours in the department. Majors must have a 2.50 average in political science course work.

**Special Programs.** In conjunction with Drew University, political science majors may enroll in the United Nations Semester and the London Semester. In conjunction with American University, students may enroll in the Washington Semester. Each program involves study for one semester off campus. Additional information is given on pages 45-47.

**101. American Government I (3).** A systems analysis of our national political environment, inputs, and decision-making agencies, involving study of federalism, political parties, Congress, the Presidency, and the judiciary.

**102. American Government II (3).** Output analysis of our national fiscal, regulatory, grant-in-aid, social, defense, and foreign policies.

**112. State and Local Government (3).** Urban democratic theory, community power analysis, and institutions and policies. **Offered in alternate years.**

**115. Mississippi Politics and Civil Rights Since 1950. (3). Offered in alternate years.**

**211. President and Congress. (3).** Powers, functions, organization, and decision-making processes of each branch, plus roll-call analysis of Congress. **Offered in alternate years.**

**261. International Relations (3).** Issues, strategies, and theories of international politics including the concepts of national interest and national defense, imperialism, balance of power, economics, and international cooperation. **Offered in alternate years.**

**262. U.S. Foreign Policy (3).** Including diplomatic, military, and economic aspects developed within the context of current issues. **Offered in alternate years.**

**265. U.S. Diplomatic History (3). Offered in alternate years.**

**271. Scope and Methods (3).** The nature of the discipline, library research techniques, and utilization of statistics in political science.

**301. Political Theory I (3).** Classical theory from the Greeks through Hobbes, Locke, Rousseau and the theorists of the American Revolution.

**302. Political Theory II (3).** Nineteenth Century liberalism, Marxism, totalitarianism, and Twentieth Century political thought.

**311. American Political Parties (3).** Functions, organization, nominations, campaigns, and voting rights and behavior, with attention to Mississippi politics. **Offered in alternate years.**

**338. Public Administration (3).** Theory and application of planning, organizing, staffing, directing, coordinating, reporting and budgeting in public agencies. **Offered in alternate years.**

**341. Comparative Government I (3).** General comparative theory as applied to the political cultures and institutions of Great Britain, France, and other nations. Prerequisite: Political Science 101.

**342. Comparative Government II (3).** General comparative theory as applied to the political cultures and institutions of the Federal Republic of Germany, the Soviet Union and selected Communist nations. Prerequisite: Political Science 101.

**351. Courts and the Constitution I (3).** Constitutional politics, the judicial process, court operation, and constitutional relationships among the three branches of government. Prerequisite: Political Science 101. **Offered in alternate years.**

**352. Courts and the Constitution II (3).** Equal protection, criminal due process, and first amendment freedoms. Prerequisite: Political Science 351. **Offered in alternate years.**

**364. International Law and Organization (3).** World order in a legal setting. **Offered in alternate years.**

**401-402. Directed Reading (1 to 3—1 to 3).**

**403-404. Undergraduate Research (1 to 3—1 to 3).**

**405-406. Independent Study (1 to 3—1 to 3).**

**411-412. Special Topics Course (1 to 3—1 to 3).**

**452. The Mississippi Legislative Intern Program (3).** A student serves as an aide to one or more members of the Mississippi Legislature for one semester during a regular session of the Legislature. Prerequisite: (a) a major in political science; (b) junior or senior standing; (c) permission of the chairman. Application should be made early in December immediately preceding a new legislative session.

**453-454. Constitutional Liberties Internship (3).** Placement with a law firm or government agency to work as an aide. Prerequisite: Political Science 351 and 352.

**456. Public Administration Internship (3).** Placement with a federal, state, or local government office to work at the middle management level. Prerequisite: Political Science 338.

**491. The Senior Seminar: Modern Theory (3).** Reading, reports, and discussion on the state of the discipline of political science. Includes contributions by other disciplines to politics.

# PSYCHOLOGY

Professors: RUSSELL WILFORD LEVANWAY, Ph.D., Chairman
EDMOND R. VENATOR, Ph.D.

**Requirements for Major:** A minimum of 27 semester hours in the department. Required courses are 202, 305, 306, 314, 315, 491, 303 or 304, 313 or 331. Under unusual circumstances a student may substitute an elective course for a required course if (s)he passes an examination on the subject matter covered by the required course. This special examination will be administered by the department chairman and must be passed before the student is eligible to take the comprehensive examination. The student successfully taking this special examination will receive no additional course credit toward this degree.

### Psychology-Sociology

A combined major in Psychology and Sociology may be earned by completing 41 semester hours in the two departments combined. The following courses are required: Psychology 202, 206, 303, 304, 305, 306, 313, 314, 315, 491; Sociology 101, 221, 371, 493. An internship in the area of the student's interest is strongly recommended.

**202. Introduction to Psychology (3).** Methods of studying behavior in the areas of learning, intelligence, maturation, personality, emotions, and perception. Not generally recommended for freshmen.

**205. Child Psychology (3).** Same as Education 205.

**206. Social Psychology (2).** Principles of communication, group interaction, and human relations.

**207. Adolescent Psychology (3).** Same as Education 207.

**212. History and Systems (3).** Emphasis on the outstanding systems of psychological thought as exemplified by both past and contemporary men in the field.

**214. Developmental Psychology (3).** Topics emphasized are: Piaget's developmental theory, child-rearing practices, early childhood development, and the nature-nurture issue. Prerequisite: Psychology 202.

**271. Statistics for the Behavioral Sciences (3).** Emphasis on inferential techniques. Consent of instructor.

**303. Abnormal Psychology (3).** Considers man's deviations from the normal, environmental correlates of such deviations, and corrective procedures. Prerequisite: Psychology 202.

**304. Theories of Personality (3).** Consideration of the whole spectrum of personality theories, including Freudian, humanistic, existential, and behavioristic models. Prerequisite: Psychology 202.

**305-306. Experimental Psychology: Methodology and Statistics (3—3).** A two-semester sequence which integrates statistical treatments and research methodologies. Introduction to philosophy of science; research methods with special emphasis on experimental designs; descriptive and inferential statistical analysis; interpretation of data; and scientific writing. Content areas include scaling, psychophysics, and perception. Required lab. Prerequisite: Psychology 202. Psychology 305 prerequisite to Psychology 306.

**307. Physiological Psychology (4).** The physiological processes underlying psychological activity, including physiological factors in learning, emotion, motivation, and

perception. Prerequisite: Psychology 202, Biology 121-122 or consent of the instructor.

**312. Operant Conditioning Laboratory (1).** Experience with the techniques of operant conditioning. Student will work one on one with a rat and explore several schedules of reinforcement. Prerequisite: Psychology 202.

**313. Psychology of Motivation (3).** Emphasizes the initiation of a sequence of behavior, including its energization, selection, and direction. Examines both theory and research findings involving biological and social controls of behavior. Prerequisite: Psychology 202.

**314. Learning (3).** Human verbal learning, memory and transfer. Principles and theories of respondent and operant conditioning and their interactions. Prerequisite: Psychology 202.

**315. Psychological Tests and Measurements (3).** Prerequisite: Psychology 202 and either Mathematics 172 or Psychology 271.

**316. Basic Circuitry and Instrumentation in Behavioral Research (1).** Research applications of equipment in common use in psychology laboratories. The student will devise and construct simple circuitry.

**320. Cognitive Processes (3).** An examination of the processes of thinking, reasoning, problem solving, concept formation, memory, hypnosis, and parapsychology. Prerequisite: Psychology 202.

**331. Perception (3).** Perceptual phenomena and the theories which have been constructed to explain them. Prerequisite: Psychology 202.

**352. Educational Psychology (3).** Same as Education 352.

**390. Comparative Psychology (3).** Behavior of lower animals. Relation of behavior to organismic structures and environmental stimuli. Prerequisite: Psychology 202.

**401-402. Directed Reading (1 to 3—1 to 3).** Prerequisite: Consent of the instructor.

**403-404. Undergraduate Research (1 to 3—1 to 3).** Prerequisite: Consent of the instructor.

**411-412. Special Topics. (1 to 3—1 to 3).** Open only to approved students.

**451-452. Internship (1 to 3—1 to 3).** Prerequisite: Consent of instructor.

**453-454. Teaching Practicum (3).** As a member of a teaching team, the student will attend all classes of the introductory Psychology course and will lead a tutorial group composed of a portion of the students enrolled in the same introductory course. Prerequisite: Selection by instructor.

**491. Seminar (3).** Reading of selected books and articles as a basis for critical classroom discussion.

## RELIGION

**The Tatum Chair of Religion**

Professors: LEE H. REIFF, Ph.D., Chairman
THOMAS WILEY LEWIS, III, Ph.D.
ROBERT H. KING, Ph.D.

**Requirements for Major:** Majors must take an additional 25 hours beyond the hours

required of all students for graduation including 201, 202, 391, 392, 492. Philosophy 331 may be counted as three hours on the religion major if the student satisfies the philosophy requirements with an additional six hours in philosophy.

**201. The Story of the Old Testament (3).**

**202. The Story of the New Testament (3).**

**210. Ways of Being Religious (3).** The study of religious phenomena through the analysis and critique of expressions and practices found in the religions of the world.

**301. The Teachings of Jesus (3). Offered in alternate years.**

**302. The Prophets (3). Offered in alternate years.**

**311. The Life of Paul (3). Offered in alternate years.**

**321. The Educational Ministry of the Church (3).** An examination of the purpose and implementation of the church's educational ministry.

**351. Church and Society (3).** The church in the present social order. **Offered in alternate years.**

**381. World Religions (3).**

**391-392. History of Christianity (3-3).** The development of Christianity and Christian thought from Jesus to the High Middle Ages, and from the High Middle Ages through the Reformation to the present. Either semester may be taken alone.

**396. Theology in the Modern Period (3).** An examination of major developments in Christian theology from the Enlightenment to the present.

**401-402. Directed Reading (1 to 3—1 to 3).** Individualized reading and research. Prerequisite: Consent of the department chairman.

**405-406. Independent Study (1 to 3—1 to 3).** Individual investigation culminating in a written report. Prerequisite: Consent of the department chairman.

**411-412. Special Topics (1 to 3—1 to 3).** Special areas of study not regularly offered, for an organized class of interested students. Prerequisite: Consent of the department and division chairman.

**492. Seminar (1).**

## SOCIOLOGY AND ANTHROPOLOGY

Associate Professor: FRANCES HEIDELBERG COKER, M.S., Chair
Assistant Professor: ROBERT B. GRABER, Ph.D.

Sociology is the study of human interaction. Its focus ranges from intimate, face-to-face relations to the organization of whole societies. Sociology seeks to understand the ways in which people act in groups and to explain why they do so.

Anthropology is the study of human beings, their physical and cultural evolution. It is particularly concerned with the way of life of people much different from ourselves such as the Polar Eskimo and Pueblo Indians.

**Requirements for Major:** A minimum of 27 semester hours in the department. Required courses are 101, 201, 281, 282, 371, 492, 493 and any other two courses offered

by the department. Majors are encouraged to take 281 and 282 in their sophomore or junior years, 492 and 493 in their junior or senior year.

## Sociology-Psychology

A combined major in Sociology and Psychology may be earned by completing 41 semester hours in the two departments. The following courses are required: Sociology 101, 201, 206, 221, 281, 282, 371, 492, 493, 451, or 452, and Psychology 202, 303, 313, and 315.

**101. Introduction to Sociology (3).**

**102. Social Problems (3).** Survey of social problems such as overpopulation, war, poverty, and deviance.

**205. Sociology of Religion (3).** Theories and studies on the origin, nature, and institutional structure of religion. Prerequisite: Sociology 101. **Offered in alternate years.**

**206. Social Psychology (2).** Same as Psychology 206.

**221. Introduction to Social Work (3).** Explores purpose, techniques and organization of the profession. Prerequisite: Sociology 101 or consent of instructor.

**240. Minority Group Relations in American Society (3).** Sociological theory and research on racial and ethnic groups in the U.S.

**241-242. Afro-American Experience (3-3).** Deals with the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. Same as History 241-242. **Offered in alternate years.**

**281. Methods and Statistics I (3).** Introduction to philosophy of science, ethical issues in social research, basic methods of data-gathering, qualitative analysis, descriptive statistics. Prerequisite: Sociology 101 or equivalent.

**282. Methods and Statistics II (3).** Advanced data and analysis, methods of data presentation and introduction to computer use. Prerequisite: Sociology 281.

**301. Marriage and the Family (3).** Emphasis on changing roles of men and women and patterns of child rearing in contemporary society.

**321. Urban Sociology (3).** Theory and research on the city and the problems of urban life. Prerequisite: Sociology 101. **Offered in alternate years.**

**332. Social Movements (3).** The study of both reform movements and revolutions, their causes and effects. Prerequisite: Sociology 101 or consent of instructor. **Offered in alternate years.**

**341. Social Factors in Health (3).** Covers doctor/patient relationships, organization of health in the United States, the effect of social variables on health and illness. **Offered in alternate years.**

**361. Human Ecology (3).** Research and theory interpreting cultural evolution in terms of interaction between populations and environments.

**371. Social Stratification.** Research methods, theories and empirical findings pertaining to social stratification. Prerequisite: Sociology 101.

**381. Death and Grief (3).** Topics include stages of dying, relationships of patients to family and medical staff, ethical issues surrounding death, stages of grief and functions of rituals. Prerequisite: Junior or senior standing.

**391. Sociology of Deviance (3).** Crime, delinquency, abortion, homosexuality, drug use, alcoholism, prostitution, and other forms of deviance, viewed from a non-moralistic sociological perspective.

**401-402. Directed Reading (1 to 3—1 to 3).** Prerequisite: Consent of instructor.

**403-404. Undergraduate Research (1 to 3—1 to 3).** Research project proposed and conducted independently by a junior or senior major, with report due at end of semester. Prerequisite: Consent of instructor.

**405-406. Independent Study (1 to 3—1 to 3).** Inquiry by a junior or senior major capable of independent work with minimum of supervision. Prerequisite: Consent of instructor.

**411-412. Special Topics in Sociology (1 to 3—1 to 3).** Deals with areas not normally covered in other courses, but of current interest to students. Prerequisite: Sociology 101.

**451-452. Internship (1 to 3—1 to 3).** Practical experience and training for majors working with selected organizations engaged in social research, social work, and community organization. Prerequisite: Consent of instructor.

**492. Seminar in Sociological Theory I (3).** Historical approach to theoretical development in sociology, focusing on European school, social reformers, and symbolic interactionists. For junior or senior majors.

**493. Seminar in Sociological Theory II (3).** Modern sociological theory, ranging from functionalism to conflict theory and phenomenology. Opportunities to integrate and expand upon current sociological knowledge. For junior or senior majors.

## ANTHROPOLOGY

**201. Introduction to Anthropology (3).** Basic concepts and approaches to anthropology, archaeology, and particularly cultural and social patterns of preliterate peoples.

**401-402. Directed Readings (1 to 3—1 to 3).** Prerequisite: Consent of instructor.

**403-404. Undergraduate Research (1 to 3—1 to 3).** Research project proposed by a junior or senior major, and conducted independently by outstanding student. Research report due at the end of semester. Prerequisite: Consent of instructor.

**405-406. Independent Study (1 to 3—1 to 3).** Readings in an area of special interest to the junior or senior major capable of highly independent work with supervision. Report due at end of semester. Prerequisite: Consent of instructor.

**411-412. Special Topics in Anthropology (1 to 3—1 to 3).** Deals with areas not covered in other courses, but of current interest to students.

# THEATRE

Professor: LANCE GOSS, A.M., Chairman
Visiting Lecturer: JAMES McGAHEY, M.F.A.

## SPEECH

**Requirements for a major in Theatre:** 30 hours to include Theatre 103-104, 141-142, 203-204, 205-206, 305-306, 395-396, 402T.

**101. Speech Fundamentals: Public Speaking (3).** Each student delivers a minimum of five addresses which deal with progressively more difficult material and situations.

Emphasis on development of correct breathing, proper pronunciation, accurate enunciation, and an effective platform manner. Individual attention and criticism.

**102. Speech Fundamentals: Oral Reading (3).**

## THEATRE

**103-104. Introduction to Theatre (3-3).**

**131-132 (Freshman), 231-232 (Sophomore), 331-332 (Junior), 431-432 (Senior). Performance.** Practical experience in production by the Millsaps Players. The first two semesters may be taken simultaneously with Theatre 103-104. One hour per semester to a total of eight hours.

**141-142. Theatre Movement (1-1).** Includes classical ballet barre, pantomime, exercises, basic dance steps, and general movement.

**S171-S172. Summer Workshop (3-3).** Includes acting, production, and performance techniques. Experience in summer production by The Millsaps Players.

**203-204. Production I, Introduction to Theatrical Production (3-3).** Emphasis on basic stagecraft, lighting, properties and sound.

**205-206. Acting (2-2).** Basic principles of acting in modern plays, first semester; second semester, acting in pre-modern drama. Prerequisite: Theatre 103-104.

**225. Stage Makeup (2).**

**301. Greek Drama (3).** The theatre of ancient Greece.

**303-304. Production II, Scene Design and Stage Lighting (2-2).** Prerequisite: 203-204.

**305-306. The History and Literature of the Theatre (4-4).** Prerequisite: Theatre 103-104.

**312. Theatre in America (3).** American theatre since 1900. Prerequisite: Theatre 305-306.

**325. Stage Management (2).** The role of the stage manager in the modern theatrical production. Prerequisite: 103-104.

**337. Modern Drama.** See English 337.

**365-366. Shakespeare.** See English 365-366.

**395-396. Directing (2-2).** Covers all facets of the director's role. Prerequisite: 103-104.

**402. Directed Reading (2).** A seminar for theatre majors including independent study, research, and reports. Designed to cover areas of special interest not necessarily included in other courses.

**451-452. Internship (3-3).** Practical experience in scenery and/or lighting with the Mississippi Authority for Educational Television. Prerequisite: Theatre 303-304 and consent of instructor. (Offered in summer sessions only.)

# SCHOOL OF MANAGEMENT

**The Chair of Management**

**The Dan White Chair of Economics**

| | |
|---|---|
| Professors: | JERRY D. WHITT, Ph.D., Dean |
| | RICHARD BRUCE BALTZ, Ph.D. |
| | JAMES R. GLENN, JR., Ph.D. |
| | GEORGE M. HARMON, D.B.A. |
| | SUE Y. WHITT, Ph.D., C.P.A. |
| Associate Professors: | WALTER P. NEELY, Ph.D |
| | STEVE CARROLL WELLS, M.A., C.P.A. |
| Assistant Professors: | BETSY JANE CLARY, M.S. |
| | MARY M. GIESELER, M.B.A. |
| | RAYMOND A. PHELPS, II, M.B.A. |

**Bachelor of Business Administration (BBA).** Accounting and administration majors must complete additional requirements for the Bachelor of Business Administration degree (B.B.A.). Economics majors must complete additional requirements for either a B.S. or B.A. degree. The requirements for a major in accounting or in administration are in addition to courses which may be used to satisfy the minimum college requirements for all degrees and cannot be used to satisfy both areas. Majors must make a grade of C or better in all courses required by the School of Management.

At least 51 hours must be earned in courses offered by the School of Management and at least 51 hours must be earned outside the School of Management.

Coursework at the 300-level or above may be taken only by students who have completed at least 60 semester hours.

**Transfer Credit:** Transfer students should normally expect to satisfy the statistics requirement (Administration 275) at Millsaps. The typical first six hours of accounting principles will normally satisfy the department's 281-282 requirement. The typical six hours of sophomore economics will normally satisfy the Economics 201-202 requirement. Transfer students will be required to satisfactorily complete at least 18 hours of courses offered by the School of Management to meet the requirement for the BBA degree and the major, regardless of the specific requirements satisfied by transfer hours. In some instances this may mean repeating certain transferred, upper-division courses. Students should not expect to transfer credit in courses numbered at the 300-level or above from a community college to Millsaps.

**Requirements for major in Accounting:** The program of study is adequate preparation for the CPA examination. Accounting majors must complete the requirements for a BBA degree in addition to requirements for the major. Accounting 281-282 and Economics 201-202 should not be taken before the sophomore year. Computer 100, Administration 275, and Accounting 272 should be taken before the junior year. Accounting 381, 382 and 391 and Administration 321, 333, 334, and 362 should be taken in the junior year. Accounting 392, 395 and 398 and Administration 221-222 and 399 should be taken in the senior year.

**Requirements for major in Administration:** The requirements for the Administration major are very flexible and, in addition to the general requirements for the degree, afford students the opportunity to take advanced electives which will provide a foundation to enter several professional fields. At the present time, a student may concentrate his or her electives in Computer Studies, Finance, International Studies, Marketing, Personnel Administration, and Public Administration. Academic advisors can design a curriculum

which will meet the individual needs of the student and provide concentrations in these areas or, alternately, a student may pursue a broad approach without any specific area concentration. Although the concentrations are interdisciplinary and may require courses outside the School of Management, at least 51 hours must be taken in the School of Management.

Administration majors should take Accounting 281-282, Economics 201-202, Computer 100, and Administration 220 and 275 before their junior year. Administration 321, 333, 334, 336, and 362 should be taken during the junior year. Area concentration courses, electives and Administration 399 should be taken in the senior year.

**Requirements for a B.A. degree with a major in Economics:** This Economics major is required to take Administration 275, Economics 201, 202, 303, 304 and 9 hours of economics electives.

**Requirements for a B.S. degree with a major in Economics:** This Economics major is required to take Mathematics 115-116, Administration 275, Economics 201, 202, 303, 304 and 9 hours of economics electives. To prepare for graduate studies in economics the student should include Mathematics 223-224 or 225-226, 335 and 346.

**Master of Business Administration (MBA) Degree** is offered and the foundation coursework may be taken at the undergraduate level. Foundation courses include: Accounting 281-282, Economics 201-202, Administration 220, 275, 321, 333, 334, 362 and Computer 100. See the graduate catalog for details.

**Suggestions for non-majors:** Economics 201, 202, Accounting 281, 282 and Administration 220 are good entry-level offerings. Other courses in the School are appropriate for electives, especially Economics 341, Accounting 272, 395 and Administration 321 and 333. Please note, however, that junior status is required before taking courses at the 300 level or above.

## ACCOUNTING

**272. Computer Systems For Accounting (3).** Introduction to data processing and COBOL or RPG programming with application to accounting and information systems. (Same as Computer 272.) Prerequisite: Computer 100 or equivalent.

**281-282. Introduction to Accounting (3-3).** First semester, basic concepts and procedures; second semester, financial and administrative applications.

**381-382. Intermediate Accounting Theory (3-3).** Accounting principles applicable to the content, valuation, and presentation of the principal ledger items; the analysis of financial statements; working capital and operations; reorganization; selected topics. Prerequisite: Accounting 281-282.

**391. Cost Accounting (3).** Procedures for accumulating data for product costing with major emphasis on costs for managerial planning and control. Prerequisite: Accounting 281-282.

**392. Auditing (3).** A conceptual approach to auditing with attention directed to audit reports and informational systems. Prerequisite: Accounting 381-382.

**394. Fund Accounting (3).** Principles and applications appropriate to governmental and other non-profit institutions. This course is available for seniors and graduate students only. Prerequisite: Accounting 281-282.

**395-396. Tax Accounting (3-3).** Problems and procedures in connection with federal and state tax laws including the preparation of various reports. Accounting 396 is available for senior and graduate credit only. Prerequisite: Accounting 281-282.

**397. Readings in Accounting Theory. (3).** A critical examination of present accounting standards, principles and concepts in order to develop a comprehensive philosophy of accounting. This course is available for senior and graduate credit only. Prerequisite: Accounting 382.

**398. Advanced Accounting Problems (3).** Practical problems and recent developments in accounting procedure. Prerequisite: Accounting 381-382.

**401-402. Directed Readings (1 to 3—1 to 3).**

**403-404. Undergraduate Research (1 to 3—1 to 3).**

**405-406. Independent Study (1 to 3—1 to 3).**

**411-412. Special Topics in Accounting (3-3).**

**451-452. Internship (1 to 6—1 to 6).** Practical experience and training with selected business and government institutions. Graded on a credit/no credit basis only.

## ADMINISTRATION

**220. Legal Environment of Business (3).** A study of legal environment in which management must function including governmental regulatory agencies, antitrust laws and antidiscrimination laws

**221-222. Business Law (3-3).** Introduction to legal systems, coverage of the Uniform Commercial Code with regard to contracts, negotiable instruments, personal property and sales transactions; the second semester covers the Code in regard to partnerships, corporations, real property, estates.

**275. Business Statistics (3).** Descriptive statistics, probability, probability distributions; estimation and hypothesis testing; regression and correlation; time series analysis. (3 hour lecture, 1 hour optional lab). Prerequisite: Mathematics 107-108, or 115-116.

**321. Marketing Management (3).** A survey of the functions, processes and institutions which direct the flow of goods and services from producer to consumer or user.

**325. Sales Management (3).** Develops the system necessary for planning, organizing, directing and controlling the efforts of a sales force. This course is available for senior and graduate credit only. Prerequisite: Administration 321.

**326. Marketing Research (3).** Examines modern research methods and techniques for gathering, recording, and analyzing information for marketing decisions. This course is available for senior and graduate credit only. Prerequisite: Administration 275 and 321.

**333. Introduction to Management (3).** Theories of organized structure, behavior, communication and managerial decision making.

**334. Operations Management (3).** System analysis, decision making, examination of management science techniques in problem solving. Prerequisite: Administration 275.

**335. Human Resource Management (3).** The management of Human Resources and employment procedures and personnel administration.

**336. Management Information Systems (3).** A survey of computer hardware and software concepts and the design of commercial computer systems from a management perspective. Prerequisite: Computer 100 or equivalent.

**337. Industrial Relations Legislation (3).** The legal background and effects of govern-

ment regulation of labor relations. Emphasis on study of the National Labor Relations Act, and Title VII of the Civil Rights Act.

**338. Introduction to Management Science (3).** An introduction to the use of the computer in mathematical modeling. The models covered will include linear programming, simulation, and sequential decision making. This course is available for senior and graduate students only. Prerequisite: Administration 334.

**339. International Business (3).** A study of the management of multinational businesses. This course is available for seniors and graduate students only. Prerequisite: Administration 321 and 362.

**362. Business Finance (3).** An introductory course in financial management directed at the analysis of financial problems. Integrated approach to basic concepts of valuation, investment and financing. Prerequisite: Accounting 282.

**365. Investments (3).** An introductory course in investment management and analysis is directed at an understanding of how people make investment decisions. Consideration of the description and theory of capital markets and individual investment instruments. Prerequisite: Administration 362.

**367. Principles of Insurance (3).** The concept of insurance, institutions, and applications to risk.

**368. Principles of Real Estate (3).** The basic concepts relevant to the ownership and management of property.

**369. Advanced Business Finance (3).** An advanced course that examines the financial decisions of the firm. Selected topics include current asset management, capital budgeting under uncertainty, long-term financing, dividend policy and mergers. Prerequisite: Administration 362.

**390. Small Business Administration (3).** Small business consulting including field work with the Jackson business community. Prerequisites: Accounting 282 and Administration 321, 333, 334, and 362.

**399. Business Strategy (3).** The case study and simulation approaches are used for solution of problems in managerial economics, accounting, marketing, finance, personnel, and production. Prerequisites: Accounting 282 and Administration 321, 333, 334 and 362.

**401-402. Directed Readings (1 to 3—1 to 3).**

**403-404. Undergraduate Research (1 to 3—1 to 3).**

**405-406. Independent Study (1 to 3—1 to 3).**

**411-412. Special Topics in Administration (3-3).**

**451-452. Internship (1 to 6—1 to 6).** Practical experience and training with selected business and government institutions. Graded on a credit/no credit basis only.

## ECONOMICS

**201. Principles of Microeconomics (3).** An examination of basic micro concepts of economic behavior, the role of the price system and income distribution.

**202. Principles of Macroeconomics (3).** An examination of basic micro concepts of economic behavior, national income, analysis stability and growth.

**303. Intermediate Microeconomic Theory (3).** Value and distribution theory,

market equilibrium, resource allocation, and policy analysis. Prerequisite: Economics 201 and 202.

**304. Intermediate Macroeconomic Theory (3).** National Income measurement; commodity and money market equilibrium; aggregate demand and supply analysis; monetary and fiscal policy issues. Prerequisites: Economics 201 and 202. **Offered in alternate years.**

**341. Money and Financial Systems (3).** A survey of the microeconomic aspects of financial systems, including market structure, behavior, and regulation of commercial banks and other financial intermediaries; the creation of money; central bank organization and monetary control; and current issues. Prerequisites: Economics 201 and 202.

**342. Public Finance (3).** Governement decisions expenditures taxation, debt management and policy analysis. Prerequisite: Economics 201 and 202. **Offered in alternate years.**

**344. History of Economic Thought (3).** Development of economic thought from the classical school to the present time. Prerequisite 201-202. **Offered in alternate years.**

**346. Comparative Economic Systems (3).** A survey and examination of the contemporary world economic systems. Available for senior and graduate credit only. Prerequisites: Economics 201 and 202.

**348. International Economics (3).** An extension and application of economic theory to international issues with an examination of world money markets, exchange rates, adjustment mechanisms and issues. Available for senior and graduate credit only. Prerequisites: Economics 201 and 202. **Offered in alternate years.**

**401-402. Directed Readings (1 to 3—1 to 3).**

**403-404. Undergraduate Research (1 to 3—1 to 3).**

**405-406. Independent Study (1 to 3—1 to 3).**

**411-412. Special Topics in Administration (3—3).**

**451-452. Internship (1 to 6—1 to 6).** Graded on a credit/no credit basis.

# 7

## register

# THE BOARD OF TRUSTEES
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Edward E. Woodall, Jr. ..... Oxford

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Miss Eudora Welty ..... Jackson

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## 1980-81

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**All Committees:** James B. Campbell, George M. Harmon, Carlton P. Minnick

**Academic Committee:** Robert H. King

**Finance Committee:** Frank M. Laney, Jr.

**Student Affairs Committee:** Brad Chism, President of Student Government

**External Affairs Committee:** J. Murray Underwood

**Finance, Audit, Executive Committees:** J. Herman Hines

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DON E. STRICKLAND, B.S., M.S., Ph.D., C.P.A. . . Vice President for Business Affairs
WILLIAM W. FRANKLIN, A.B.J. . . . . Vice President for Institutional Advancement
JOHN H. CHRISTMAS, B.S., A.M. . . . . Director of Admissions

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SARA L. BROOKS . . . . . Director of Records
J. SYD CONNER, B.A. . . . . Admissions Counselor
JANE CORDER, B.B.A., M.Ed. . . . . Dean of Women
DON FORTENBERRY, B.A, M.Div. . . . . Chaplain
PAUL GAMBLE, B.B.A. . . . . Coordinator, College and Alumni Events
STUART J. E. GOOD, A.B., A.M., L.L.D. . . . . Dean of Campus Life
FLOY S. HOLLOMAN, B.A. . . . . Director of Alumni Relations and Annual Giving
WARRENE W. LEE . . . . . Business Office Manager
JAMES J. LIVESAY, A.B. . . . . Director of Church Relations and Assistant to the Vice President for Institutional Advancement
R. LAVON LOFTIN, B.S. . . . . Computer System Manager
DOUGLAS A. LUEBBERS, B.S., C.P.A. . . . . Accountant
JAMES N. McLEOD, B.A., L.L.B. . . . . Placement Director
WAYNE H. MILLER, B.S. . . . . Director, Campus Safety
JAMES F. PARKS, JR., A.B., M.L.S. . . . . Head Librarian
LEONARD W. POLSON . . . . . Director of Services
JEANNE MERRIN PREWITT, B.A. . . . . Admissions Counselor
E. TRENT RIGGINS, B.B.A. . . . . Admissions Counselor
ROBERT A. SHIVE, JR., B.A., M.S., Ph.D. . . . . Associate Dean of the College
TRACEY SWEET, B.A. . . . . Admissions Counselor
MICHELLE TATE, B.A. . . . . Admissions Counselor
ANNE E. WETZEL, B.A. . . . . Director, Public Information
THOMAS P. WHALEY, B.S., Ph.D. . . . . Director, Computer Services
JERRY D. WHITT, B.B.A., M.B.A., Ph.D. . . . . Dean of the School of Management
JACK L. WOODWARD, A.B., B.D. . . . . Director of Financial Aid

# THE COLLEGE FACULTY

### EMERITI FACULTY

LOIS TAYLOR BLACKWELL (1963) . . . . . Emerita Associate Professor of English
A.B., A.M., Mississippi College

FRANCES BLISSARD BOECKMAN (1966) . . . . . Instructor, Catalog Librarian
A.B., Belhaven College; A.M., Mississippi College

C. LELAND BYLER (1959) . . . . . Emeritus Professor of Music
A.B., Goshen College, N.M., Northwestern University; Advanced Graduate Work, University of Michigan, University of Colorado

MAGNOLIA COULLET (1927) . . . . . Emerita Professor of Ancient Languages
A.B., Millsaps College; A.M., University of Pennsylvania; Graduate Work, American Academy in Rome, University of Chicago; B.M., Belhaven College; Graduate Work in Voice, Bordeaux, France; A.M. (German), University of Mississippi; Advanced Study, Goethe Institute, Germany

ELIZABETH CRAIG (1926) . . . . . Emerita Professor of French
A.B., Barnard College, Columbia University; A.M., Columbia University; Diplome de la Sorbonne, Ecole de preparation des professeurs de francais a l'etranger, Faculte des Lettres, Universite de Paris; Advanced Graduate Work, Columbia University; Palmes Academiques

CHARLES BETTS GALLOWAY (1939) . . . . . Emeritus Professor of Physics
B.S., Millsaps College; A.M., Advanced Graduate Work, Duke University

MARGUERITE WATKINS GOODMAN (1935) . . . . . Emerita Professor of English
A.B., Agnes Scott College; A.M., Tulane University

NELLIE KHAYAT HEDERI (1952) . . . . . Emerita Professor of Spanish
A.B., Mississippi State College for Women; A.M., Tulane University;
Advanced Study, University of Southern California

MYRTIS FLOWERS MEADERS (1960) . . . . . Emerita Professor of Education
B.S., Millsaps College; M.Ed., Mississippi College

CAROLINE H. MOORE (1968) . . . . . Instructor, Order Librarian
A.B., Randolph-Macon Woman's College; A.M., Radcliffe College

ROSS HENDERSON MOORE (1923) . . . . . Emeritus Professor of History
B.S., M.S., Millsaps College; A.M., University of Chicago; Ph.D., Duke University

MILDRED LILLIAN MOREHEAD (1947) . . . . . Emerita Professor of English
A.B., Mississippi State College for Women; A.M., Duke University

RICHARD R. PRIDDY (1946) . . . . . Emeritus Professor of Geology
B.S., Ohio Northern University; A.M., Ph.D., Ohio State University

ARNOLD A. RITCHIE (1952) . . . . . Emeritus Professor of Mathematics
B.S., Northeastern State College of Oklahoma; M.S., Oklahoma A. & M. College;
Advanced Graduate Work, Oklahoma A. & M. College, University of Tennessee

GEORGE ROYSTER STEPHENSON (1963) . . . . . Emeritus Associate Professor of Ancient Languages
A.B., Millsaps College; B.D., University of the South; L.L.D., Mississippi College

THURSTON WALLS (1957) . . . . . Emeritus Professor of Economics and Business Administration
A.B., A.M., University of Texas; Advanced Graduate Study, University of Texas

## FACULTY

(The year in parentheses after each name indicates the first year of service at Millsaps College)

JOHN QUINCY ADAMS (1965) . . . . . Associate Professor of Political Science
B.A., Rice University; M.A., University of Texas, El Paso; J.D., University of Texas, Austin;
Advanced Graduate Study, University of Texas

McCARRELL L. AYERS (1965) . . . . . Assistant Professor of Music
B.S., Eastman School of Music, University of Rochester (New York);
M.M., Indiana University

JAMES T. BAIN (1979) . . . . . Assistant Professor of History
B.A., Baylor University; M.A., Ph.D., Tulane University

RICHARD BRUCE BALTZ (1966) . . . . . Dan White Professor of Economics
A.A., Belleville Jr. College; B.B.A., M.S., Baylor University;
Ph.D., University of Arkansas

HOWARD GREGORY BAVENDER (1966) . . . . Associate Professor of Political Science
A.B., College of Idaho; M.A., University of Wisconsin;
Post Graduate Work, University of Texas

GEORGE MARSTON BEARDSLEY (1974) . . . . . Associate Professor of Physics
B.S., Stanford University; Ph.D., University of North Carolina

ROBERT EDWARD BERGMARK (1953) . . . . . J. Reese Linn Professor of Philosophy
A.B., Emory University; S.T.B., Ph.D., Boston University

ROY ALFRED BERRY, JR. (1962) . . . . . J. B. Price Professor of Chemistry
B.S., Mississippi College; Ph.D., University of North Carolina

ALLEN DAVID BISHOP, JR. (1967) . . . . . Professor of Chemistry
B.S., Millsaps College; M.S., Louisiana State University;
Ph.D., University of Houston

GEORGE WILSON BOYD (1959) . . . . . Milton Christian White Professor of English Literature
A.B., Murray State College; A.M., University of Kentucky; Ph.D., Columbia University

JOHN NEAL BROWN (1980) . . . . . Visiting Associate Professor of Chemistry
B.S., Millsaps College, Ph.D., University of Mississippi School of Medicine

LAURIE L. BROWN (1977) . . . . . Instructor, Acquisitions Librarian
B.A, M.L.S., University of Wisconsin

BILLY MARSHALL BUFKIN (1960) . . . . . Associate Professor of Romance Languages
A.B., A.M., Texas Technological College; Advanced Graduate Work, Tulane University;
Diploma de Estudios Hispanicos de la Universidad de Madrid

CHARLES EUGENE CAIN (1960) . . . . . Professor of Chemistry
B.S., University of North Carolina; A.M., Duke University; Ph.D., Duke University

WILLIAM P. CARROLL (1980) . . . . . Assistant Professor of Music
B.M., Millsaps College, M.M., M.S.M., Southern Methodist University

BETSY JANE CLARY (1979) . . . . Assistant Professor of Administration and Accounting
B.S., M.S., Mississippi State University; Advanced Graduate Work, University of Mississippi

FRANCES HEIDELBERG COKER (1967) . . . . . Associate Professor of Sociology
A.B., Millsaps College; Graduate Work, University of North Carolina,
Uppsala University (Sweden), University of Hawaii; M.S.T., Illinois Institute of Technology

LILLIAN McKINNEY COOLEY (1974) . . . . . Assistant Professor, Associate Librarian
A.B., Spelman College; M.S.L.S., University of Illinois

J. HARPER DAVIS (1964) . . . . . Associate Professor of Physical Education
Head Football Coach
B.S., M.Ed., Mississippi State University;
Advanced Graduate Work, Mississippi State University

MARY ANN EDGE (1958) . . . . . Associate Professor of Physical Education
B.S., M.S., University of Mississippi;
Advanced Graduate Study, University of Southern Mississippi

GEORGE HAROLD EZELL (1967) . . . . . Professor of Chemistry
B.S., Mississippi College; M.S., Florida State University; Ph.D., University of Mississippi

CHARLES L. FLYNN, JR. (1980) . . . . . Visiting Instructor in History
B.A., Hamilton College; M.A., Duke University; Ph.D. Duke University

CATHERINE R. FREIS (1979) . . . . . Assistant Professor of Classics
B.A., Brooklyn College; M.A., University of California at Berkeley;
Advanced Graduate Work, University of California at Berkeley

S. RICHARD FREIS (1975) . . . . . Associate Professor of Ancient Languages and Director of Heritage
B.A., St. John's College in Annapolis; M.A., University of California at Berkeley;
Ph.D., University of California at Berkeley

MARY MORGRET GIESELER (1980) . . . . . Assistant Professor of Management
B.B.A., M.B.A, Memphis State University

JAMES R. GLENN, JR. (1980) . . . . . Professor of Management
B.A., Davidson College, M.A.R., Yale University, Ph.D., Stanford University

LANCE GOSS (1950) . . . . . Professor of Speech; Director of The Millsaps Players
A.B., Millsaps College; A.M., Advanced Graduate Work, Northwestern University; Special Study, The Manhattan Theatre Colony; Summer Theatre, The Ogunquit Playhouse and the Belfry Theatre; Cinema Workshop, The University of Southern California

ROBERT B. GRABER (1979) . . . . . Assistant Professor of Anthropology and Sociology
A.B., Indiana University; M.S., Ph.D., University of Wisconsin at Milwaukee

JOHN L. GUEST (1957) . . . . . Associate Professor of German
A.B., University of Texas; A.M., Columbia University; Advanced Graduate Work, New York University; Ottendorfer Fellowship in Germanic Philology, Bonn University; Fulbright Scholarship, University of Vienna

PAUL DOUGLAS HARDIN (1946) . . . . . Professor of English
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# STAFF PERSONNEL

## GENERAL STAFF

MRS. ALICE ACY (1961) . . . . . Grill Manager
ROBERT J. BAKER (1979) . . . . . Maintenance Technician
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MR. JOHN C. BRANSON (1980) . . . . . Supervisor, Housekeeping
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MS. PHYLLIS M. DEMERANVILLE (1980) . . . . . Analyst Trainee, Computer Services
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MRS. GENIE IRVIN (1980) . . . . . Secretary-Receptionist, Institutional Advancement
MR. EDWARD L. JAMESON (1980) . . . . . Manager, Bookstore
MRS. ELIZABETH H. JAMESON (1980) . . . . . Cashier, Bookstore
MRS. ROSE JOHNSON (1980) . . . . . Loan Clerk, Business Office
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MRS. RUTH POWELL (1972) . . . . . Key Punch Operator
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MRS. LILLIAN M. COOLE (1974) . . . . . Associate Librarian
MRS. FLOREADA M. HARMON (1972) . . . . . Public Services Librarian
MRS. BIRDIE HARPOLE (1978) . . . . . Catalog Assistant
MS. ELIZABETH S. KENDRICK . . . . . Secretary to the Librarian
JAMES F. PARKS, JR. (1969) . . . . . Head Librarian
MRS. GERRY REIFF (1972) . . . . . Audio-Visual Assistant
MRS. JOYCELYN V. TROTTER (1963) . . . . . Serials Assistant

## ALUMNI ASSOCIATION

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Secretary . . . . . Margaret Whitfield Smith, Jackson
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Executive Director . . . . . Floy S. Holloman, Jackson

# MEDALS AND PRIZES AWARDED

**Commencement, 1980**

The Founders' Medal . . . . . Ann Roscopf
The Bourgeois Medal . . . . . Kimberly Lillian Myers
The Tribbett Scholarship . . . . . Bert Tagert
The Janet Lynne Sims Award . . . . . James Michael Conerly
The Ancient Languages Department Eta Sigma Phi Awards for Excellence
Greek I . . . . . John Bailey
Greek I . . . . . Annette Massey
Latin I . . . . . Tim Cannon
Latin I . . . . . Russell Rooks
Senior Award . . . . . Tamsin Bomar
The Biology Award . . . . . James Findley
The Biology Research Award . . . . . Melissa Matthews
The J. B. Price General Chemistry Award . . . . . David Biggers
Maria Bishop
Norman Lee Morris
The Chemistry Department Outstanding Senior Award . . . . . David G. Chaffin
William L. Rice
The Computer Science Award . . . . . David G. Chaffin
The Clark Essay Medal . . . . . Deirdre McCrory
The Else Scholarships in Economics, Accounting and Administration . . . . . Paul Langston
Shane Langston
Stephen Hamilton
Phyllis Demeranville
Roger Ishee
The Education Department Senior Awards . . . . . Martha Wynn
Susan Rogers Williams
The Gordon Gulman Geology Award . . . . . Benjamin D. Sydboten, Jr.
The German Department Awards
Introductory . . . . . Laura Ann Buckler
Intermediate . . . . . Debra Ann Basham
Intermediate . . . . . C. Michael Lanford
The Ross H. Moore History Award . . . . . Ann Roscopf
William Rodney Clement, Jr.
The Freshman Mathematics Award . . . . . David Biggers
The Mathematics Majors Award . . . . . Karen Corban
Duane Shroyer
Billy White
The Senior Music Award . . . . . Ann Ables
The Introductory Physics Awards . . . . . Michael Conerly
Barry Gillespie
The Albert Godfrey Sanders Awards in the Romance Languages . . . . . Mary Witthauer
Susan Rogers Williams
The C. Wright Mills Award in Sociology . . . . . Barbara Frances McLemore
Special Citation in Sociology . . . . . Mary Lake Fuller
The Alpha Epsilon Delta and the West Tatum Award . . . . . William L. Rice
The Beta Beta Beta Award . . . . . Ruth Kellum
The Black Students Association Award . . . . . Jeffery Garner
The Chi Omega Social Science Award . . . . . Ann Roscopf
The Kappa Alpha Eric Gunn Memorial Scholarship . . . . . John Richard May
The Mississippi Society of Certified Public Accountants Award . . . . . Tim Lincoln
The Phi Mu Social Service Award . . . . . Kappa Delta Sorority
The Theta Nu Sigma Award . . . . . Michael Urban
The Wall Street Journal Award . . . . . Trent Riggins

# DEGREES CONFERRED 1980

## BACHELOR OF ARTS

*Peggy Land Austin . . . . . Memphis, TN
Sue Sunkel Axsmith . . . . . New Orleans, LA
#Scott Eugene Beddingfield . . . . . Aberdeen
**Samuel Lee Begley . . . . . Brandon
Lydia Elizabeth Bennett . . . . . Jackson
Edwin Dale Berry . . . . . Magee
*Denise Irene Bershon . . . . . Tomah WI
David Andrew Bolling . . . . . Tupelo
*Tamsin Lea Bomar . . . . . Jackson
*David Alexander Bowling . . . . Brookhaven
Elizabeth Aileen Broome . . . Ocean Springs
Gary Brian Browning . . . . . New Albany
***James Gregory Bufkin . . . . . Vicksburg
Vera Lee Butler . . . . . Jackson
Phyllis Sellier Campbell . . . . . Yazoo City
Cynthia Ellen Clark . . . . . McComb
Henry Carrol Clay, III . . . . . Jackson
Sharon Carter Clay . . . . . Picayune
*William Rodney Clement, Jr. . . . . Gulfport
Marsha Lee Crandall . . . . . Stoneville
#*Emily Anne Crews . . . . . Oxford
**Mary Donna Davis . . . . . Petal
Patrick Murray Dickens . . . . . Ocean Springs
Timothy Gene Dulaney . . . . . Slidell, LA
*Robert Emmett Fagan, Jr. . . . . Yazoo City
Terilyn Michelle Fluker . . . . . Jackson
*Mary Lake Fuller . . . . . Jackson
#Layne Taylor Gandy . . . . . Jackson
Robert Aloysius Gaston . . . . . Greenwood
*Sally Lynn Gleaton . . . . . Atlanta, GA
Cordelia Hayes Godfrey . . . . . Vicksburg
Malinda Anne Hamilton . . . . . Greenville
*Lisa Alayne Heatherly . . . . . Tupelo
*Delores Faye Beeman Henley . . . . Grenada
*Janet Lee Herold . . . . . Natchez
#George Thomas Holmes . . . . . Jackson
Carla Jenkins . . . . . Jackson
#Robert Wayne Johnson . . . . . Jackson
#*Earl Hardie Karges . . . . . Brandon
Margaret Louise Kastla . . . . . Chunky
Lisa Margaret Lee . . . . . Jackson
#Cathryn Joiner Lord . . . . . Raymond
**Deirdre Delaine McCrory . . . . . Edwards
Linda Gail Marshall . . . . . Meridian
Sylvain Michel Metz . . . . . Jackson
#*Lou Ellen Montgomery . . . . . McComb
#Cheryl Groves Morris . . . . . Jackson
#James Taylor Newkirk . . . . . Madison
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David Magee Ott . . . . . Hattiesburg
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***Ann Karen Roscopf . . . . . Helena, AR
***Jennifer Elizabeth Russell . . . . . Jackson
Charles Graves Sallis . . . . . Jackson
#Thomas Leon Sikora . . . . . Ocean Springs
James Dempsey Smith, Jr. . . . . Jackson
*Leland Somers Smith, III . . . . . Jackson
*John Price Sneed . . . . . Jackson
*Thomas Richmond Spencer . . . . . Jackson
Dewanda Lynn Stewart . . . . . Pearl
**Catherine Michelle Tate . . . . . Oxford
Laurence Buie Wells . . . . . Natchez
*Katherine Louise Weston . . . . . Leland
Jeffrey Scott Wilson . . . . . Beaumont, TX
Randolph Cook Wood . . . . . Jackson

## BACHELOR OF SCIENCE

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Phillip Arthur Ball . . . . . Meridian
*Bertha Ann Bishop . . . . . Decatur
#Bertha Junkin Blanchard . . . . . Natchez
**Michael Dow Bourland . . . . . Natchez
**David Garvin Chaffin, Jr. . . Sierra Vista, AZ
***Karen Elizabeth Corban . . . . . Gulfport
*Gwendolyn Anne Crane . . . . . Gulfport
David Hunt Culpepper . . . . Alexandria, LA
Gerald Maurice Davis . . . . . Greenville
Marland Dean Dulaney, Jr. . . . . Slidell, LA
*James Weldon Findley, Jr. . . . . Madison
Dwight Gaddis . . . . . Laurel
Jeffery Lyndale Garner . . . . . Laurel
Beverly Gail Gilliand . . . . . Jackson
#Allen LeRoy Greene . . . . . Holly Springs
William Curtis Griffin . . . . . Jackson
*David Keith Handshoe . . . . . Waveland
Amanda Farish Harding . . . . . Greenville
*Kenneth Wayne Harris . . . . . Mound Bayou
Michael Anthony Henderson . . Brookhaven
John Allen Hood, Jr. . . . . Beaumont, TX
Daniel Lee Hymel . . . . . Biloxi
#Randy Joseph Johnson . . . . . Biloxi
Kenneth Ronald Jones . . . . . Ocean Springs
*Walter McLaurin Jones . . . . . Memphis, TN
*David Howell Lee . . . . . Greenville
*Barbara Frances McLemore . . . . . Laurel
Joel Petty Maddox . . . . . Jackson
*William Scott Martin . . . . . Greenville
Anita Elizabeth Mathews . . . . . Greenville
Merrie Melissa Matthews . . . . . Columbus
Karen Elizabeth Moore . . . . . Jackson
Melanie Olsen . . . . . Brentwood, TN
Charles Frederick Pepper . . . Pensacola, FL
Donna Louise Read . . . . . Natchez
***William Louis Rice . . . . . Tupelo
*James Gregory Rula . . . . . Vicksburg

Michael Roy Seals . . . . . Laurel
JoAnn Shanks . . . . . Jackson
*Duane Bradley Shroyer . . . . . Biloxi
#*Benjamin D. Sydboten Jr. . . La Center, KY
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#Joe Walter Terry, III . . . . . Canton
#Jarrard Thomley . . . . . Newton, AL
**Michael Joseph Urban . . . . Boca Raton, FL
*Frank Colvin Wade, Jr. . . . . Magee
John Arthur Ward . . . . . Crawford
#Elizabeth Leavitt Wellford . . . . . Jackson
Leslie Ann Wheeler . . . . . Pascagoula
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## BACHELOR OF BUSINESS ADMINISTRATION

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Gary Scott Avignon . . . . . Laurel
Esther Joy Bailey . . . . . Decatur
Deborah Suzanne Baker . . . . . Jackson
**Linda Diane Bennett . . . . . Jackson
Marion Dexter Cantelou . . . . . Columbus
#Deborah Soloway Cecil . . . . . Atlanta, GA
Phyllis Michele Demeranville . . . . . Clinton
Michael Carlisle Faust . . . . . McComb
Elizabeth Sharp Flowers . . . . . Jackson
Debra Jo Freeman . . . . . Jackson
#Innes Paul Gamble . . . . . Greenville
*Hollianne Marie Gilbert . . . . . Ocean Springs
**Mary Margaret Goodman . . . . . Jackson
#*Stephen Kelley Hamilton . . Port Arthur, TX
Mims Mitchell Herrington, Jr. . . . . Pearl
Dale William Hetrick . . . . . Gulfport
Claudia Ann Hopkins . . . . . Huntsville, AL
*Roger Ernest Ishee . . . . . Gulfport
#Hugh Richard Johnson, III . . . . . Jackson
Timothy Vann Kemp . . . . . Greenwood
Jackie Ann Ladnier . . . . . Ocean Springs
**Paul Bernard Langston . . . . . Yazoo City
**Shane Fredrick Langston . . . . . Booneville
**David Timothy Lincoln . . . . . Jackson
#David Michael McElveen . . . . . LaPlace, LA
Philip Brian Manser . . . . . Jackson
George Trexler Morris . . . . . Atlanta, GA
Samuel Dixon Myers . . . . . Jackson
William B. Patterson, Jr. . . . . Jackson
#Kathryn Webster Piazza . . . . . Jackson
Edwin Trent Riggins . . . . . Memphis, TN
Ward Loftin Ripley . . . . . New Orleans, LA
Betty Ruth Searcy . . . . . Brandon
Richard Thomas Sheerin . . . . . Bayport, NY
Mary Anna Sheppard . . . . . Brandon
Randolph Stewart Smith . . . . . Vicksburg
John Carter Stamm, III . . . . . Vicksburg
Kellye Miller Wade . . . . . St. Joseph, LA
*Roy Alexander Wallace III . . . . . Baton Rouge, LA
Benjamin Barnes Watts . . . . . Columbia
#*Hugh Lawson White . . . . . Jackson
#Danny Curtis Wood . . . . . Vicksburg
Bobby Howell Wroten, Jr. . . . . Corinth

## BACHELOR OF MUSIC

**Ann Shaw Ables . . . . . Jackson
*Martha Elizabeth Conner . . . . . Petal

## HONORARY DEGREES

John H. Bryan, Jr. . . . . LL.D.
Robert Lenoir Ezelle, Jr. . . . . L.H.D.

---

*Cum Laude
**Magna Cum Laude
***Summa Cum Laude
#Summer Graduate

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